STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

ADDENDUM NO. 3

for

INTERSTATE ROUTE H-1 ADDITION AND MODIFICATION OF FREEWAY ACCESS (KAPOLEI INTERCHANGE COMPLEX), PHASE 3

FEDERAL-AID PROJECT NO. NH-H1-1(271)

The following amendments shall be made to the Bid Documents:

A. SPECIFICATIONS

1. Replace Special Provision Section 106 dated 3/27/06 with the attached Special Provision Section 106 dated r11/10/22.

B. PROPOSAL SCHEDULE

1. Replace Proposal Schedule page P-8 to P-23 dated r10/28/22 with the attached revised Proposal Schedule page P-8 to P-23 dated r11/28/22.

C. PLANS

- Replace Plan Sheets No. 13, 17, 30, 31, 33, ADD. 34, 65, 66, 70, 71, ADD. 74, 79, ADD. 81, ADD. 82, 83, ADD. 89, 90, 93, 94, 95, 101, 102, 103, 104, 106, 115, 117, 119, and 131 with the attached revised Plan Sheets No. ADD. 13, ADD. 17, ADD. 30, ADD. 31, ADD. 33, ADD. 34, ADD. 65, ADD. 66, ADD. 70, ADD. 71, ADD. 74, ADD. 79, ADD. 81, ADD. 82, ADD. 83, ADD. 89, ADD. 90, ADD. 93, ADD. 94, ADD. 95, ADD. 101, ADD. 102, ADD. 103, ADD. 104, ADD. 106, ADD. 115, ADD. 117, ADD. 119, and ADD. 131.
- 2. Include Plan Sheets No. ADD. 29S-1, ADD. 38S-1, and ADD. 38S-2.

Please acknowledge receipt of this Addendum No. 3 by recording the date of its receipt in the space provided on page P-4 of the Proposal.

JADE T. BUTAY

Director of Transportation

47

PROPOSAL SCHEDULE (All Work Excluding New Sewer Facilities) ITEM NO. ITEM APPROX. UNIT PRICE AMOUNT UNIT QUANTITY Clearing and Grubbing L.S. L.S. L.S. 201.0100 S.Y. 202.0100 Removal of Existing Hot Mix Asphalt (HMA) Pavement 3.400 Removal of Existing Pavement Markings 1.460 L.F. 202.0200 202.0300 Removal of Existing Guardrail 3.450 L.F. 202.0400 13 Removal of Existing Signs, Sign Posts, and Foundations Each 202.0500 Removal of Existing Cantilever Overhead Sign w/ 28' Wide Each Guide Sign, Sign Post, and Foundations Removal of Existing Emergency Call Box, Post and 202.0600 1 Each Foundation 202.0700 Removal of Existing Trees 6 Each 202.0800 Removal of Existing Concrete, Rock, and Debris L.S. L.S. L.S. Removal of Existing Drainage Structure, Drain Line, L.S. L.S. L.S. 202.0900 Salvage Frame and Manhole Cover 202.1000 Removal of Existing Headwall L.S. L.S. L.S.

PROPOSAL SCHEDULE (All Work Excluding New Sewer Facilities)

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
203.0100	Roadway Excavation	5,900	C.Y.	\$	\$
203.0200	Borrow Excavated Material 51,400 C.Y. \$		\$		
204.0100	Trench Excavation for Water Line 700 C.Y. \$		\$		
204.0200	Trench Backfill for Water Line	1,000	C.Y.	\$	\$
205.0100	Structure Excavation for Concrete Retaining Wall	3,900	C.Y.	\$	\$
205.0200	Structure Backfill for Concrete Retaining Walls	25,000	C.Y.	\$	\$
205.0300	Nonwoven Geotextile Fabric	4,175	S.Y.	\$	\$
206.0100	Excavation for 12" Drain Line	4	C.Y.	\$	\$
206.0200	Excavation for 15" Drain Line	10	C.Y.	\$	\$
206.0300	Excavation for 18" Drain Line	8	C.Y.	\$	\$
206.0400	Excavation for 24" Drain Line	775	C.Y.	\$	\$
206.0500	Excavation for 48" Drain Line	1,050	C.Y.	\$	\$
206.0600	Excavation for 10' x 4' Concrete Box Culvert	1,330	C.Y.	\$	\$

NH-H1-1(271) r11/28/22 P-9 Addendum No. 3

PROPOSAL SCHEDULE (All Work Excluding New Sewer Facilities) ITEM NO. ITEM APPROX. UNIT PRICE AMOUNT UNIT **QUANTITY** 209.0100 L.S. L.S. L.S. Installation, Maintenance, Monitoring and Removal of B.M.P. 209.0200 Additional Water Pollution, Dust, and Erosion Control F.A. F.A. F.A. \$ 65,000.00 301.0100 Hot Mix Asphalt Base Course 417 Ton C.Y. 304.0100 Aggregate Base Course 905 C.Y. 304.0200 Imported Granular Fill 1,025 C.Y. 305.0100 Aggregate Subbase 11.700 315.0100 Nonwoven Geotextile Fabric S.Y. 4,175 1,966 S.Y. Polypropylene Biaxial Geogrid 316.0100 401.0100 532 Hot Mix Asphalt (HMA) Pavement, Mix No. IV Ton 401.0200 Polymer Modified Asphalt (PMA) Pavement, Mix No. IV 50 Ton 411.0100 12-Inch Concrete Pavement S.Y. 15,000 503.0100 C.Y. Concrete Retaining Wall 6,300 503.0300 Concrete in Thrust Blocks for Water Line 18 C.Y.

PROPOSAL SCHEDULE (All Work Excluding New Sewer Facilities)

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
503.0400	Concrete in Thrust Beams	11	C.Y.	\$	\$
503.0500	Concrete in Reinforced Concrete Jacket for Water Line 15 C.Y. \$				
503.0600	Concrete in Headwall	13	C.Y.	\$	\$
503.0800	Concrete in 10' x 4' Concrete Box Culvert	675	C.Y.	\$	\$
503.0900	Concrete in End Posts	7	C.Y.	\$	\$
508.0100	Cement Rubble Masonry	365	C.Y.	\$	\$
603.0100	12-Inch Reinforced Concrete Pipe, Class III	36	L.F.	\$	\$
603.0200	15-Inch Reinforced Concrete Pipe, Class III	6	L.F.	\$	\$
603.0300	18-Inch Reinforced Concrete Pipe, Class III	5	L.F.	\$	\$
603.0400	24-Inch Reinforced Concrete Pipe, Class III	1,130	L.F.	\$	\$
603.0500	48-Inch Reinforced Concrete Pipe, Class III	625	L.F.	\$	\$
603.0600	Bed Course Material for Culvert	180	C.Y.	\$	\$
603.0700	Clean Existing Culverts	F.A.	F.A.	F.A.	\$ <u>100,000.00</u>
604.0100	Type "1A-9P" Inlet, 4 Feet to 4.99 Feet	1	Each	\$	\$

NH-H1-1(271) r11/28/22 P-11 Addendum No. 3

PROPOSAL SCHEDULE (All Work Excluding New Sewer Facilities) ITEM APPROX. UNIT UNIT PRICE AMOUNT

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
604.0200	Type "1A-9P" Inlet, 5 Feet to 5.99 Feet	2	Each	\$	\$
604.0300	Type "1A-9P" Inlet, 8 Feet to 8.99 Feet	\$	\$		
604.0400	Type "1A-9P" Inlet, 9 Feet to 9.99 Feet	1	Each	\$	\$
604.0500	Type "1A-9P" Inlet, 10 Feet to 10.99 Feet	2	Each	\$	\$
604.0600	Type "1A-9P" Inlet, 17 Feet to 17.99 Feet	1	Each	\$	\$
604.0700	Type "1A-9P" Inlet, 22 Feet to 22.99 Feet	1	Each	\$	\$
604.0800	Type Modified "61614P" I-2 Inlet, 9 Feet to 9.99 Feet	1	Each	\$	\$
604.0900	Type Modified "61614P" I-1 Inlet, 13 Feet to 13.99 Feet	1	Each	\$	\$
604.1000	Type "61614P" Inlet, 4 Feet to 4.99 Feet	1	Each	\$	\$
604.1100	Type Riser G-1 Structure, 2 Feet to 2.99 Feet	1	Each	\$	\$
604.1200	Type Riser H-1 Structure, 2 Feet to 2.99 Feet	1	Each	\$	\$
604.1300	Type SDMH I-1 Structure, 26 Feet to 26.99 Feet	1	Each	\$	\$
604.1400	Type SDMH I-2 Structure, 21 Feet to 21.99 Feet	1	Each	\$	\$

PROPOSAL SCHEDULE (All Work Excluding New Sewer Facilities) ITEM NO. ITEM APPROX. UNIT PRICE **AMOUNT** UNIT **QUANTITY** 604.1500 Type Modified SDMH A-3 P, Cast Iron Frame and Cover. 0 Each Feet to 0.99 Feet 604.1600 Type "A" Manhole, 4 Feet to 4.99 Feet Each 604.1700 Type "C" Manhole, 8 Feet to 8.99 Feet Each 604.1800 Type "C" Manhole, 21 Feet to 21.99 Feet 2 Each 604.1900 Type "C" Manhole, 24 Feet to 24.99 Feet Each 604.2000 Type "B1" Catch Basin, 5 Feet to 5.99 Feet Each 604.2100 Type "C1" Catch Basin, 5 Feet to 5.99 Feet Each Type "C1" Catch Basin, 2 Feet to 2.99 Feet 604.2200 Each 604.2300 Type "D" Manhole, 5 Feet to 5.99 Feet Each 605.0200 6-Inch Perforated Underdrain Pipe 1,850 L.F. 606.0100 Guardrail Type 3 MGS W-Beam with Strong Posts 4.605 L.F.

70

400

L.F.

L.F.

606.0200

606.0300

Guardrail Type 3 Thrie Beam with Strong Posts

Guardrail Type 3 Thrie Beam Median with Strong Posts

PROPOSAL SCHEDULE (All Work Excluding New Sewer Facilities) ITEM NO. ITEM UNIT PRICE **AMOUNT** APPROX. UNIT **QUANTITY** Guardrail Type MASH TL-3 Temporary Barrier L.F. 606.0400 5.550 606.0500 L.F. Reset Guardrail 25 Terminal Section Type MSKT or Equal 2 606.0600 Each 606.0700 Terminal Section Type MFLEAT MASH or Equal Each Terminal Section Type Thrie Beam Terminal Connector 606.0800 Each 606.0900 Terminal Section Type Trailing End Anchorage Each Terminal Section Type Thrie Beam End Section 606.1000 Each 606.1100 Transition Section Type MGS to W-Beam Each 606.1200 Transition Section Type W-Beam to Thrie Beam 5 Each 607.0100 6-Feet, Chain Link Fence With Metal Post 30 L.F. 619.0100 Coral Boulder and Fabric Liner L.S. L.S. L.S. 38 622.0100 Highway Light Standards With Non-Breakaway Each Transformer Bases, On 31-ft-3-Inch Tall Poles, 15-ft Bracket Arms, 218 Watt LED Luminaires, 480 Volts and Concrete Foundation

PROPOSAL SCHEDULE (All Work Excluding New Sewer Facilities) ITEM NO. ITEM APPROX. UNIT PRICE **AMOUNT** UNIT QUANTITY Type C Highway Lighting Pullboxes 622.0200 6 Each L.F. 622.0300 Four 2-Inch Highway Lighting Ducts, Concrete Encased 740 One 2-Inch Highway Lighting Duct, Concrete Encased 3.740 L.F. 622.0400 622.0500 Connect Existing Highway Lighting Conduit To New 5 Each **Highway Lighting Conduit** 622.0600 Equipment Enclosure and Wiring Modifications in Existing Each Highway Lighting Equipment Enclosure Stub and Cap Highway Lighting Ducts 622.0700 2 Each 622.0800 Demolish and Remove Existing Highway Lighting Pullbox 3 Each And Backfill, Complete 622.0900 Remove Existing Highway Lighting Conduits And Wires, 210 Each Complete and Backfill, Complete 622.1000 Remove Existing Highway Light Standards, Bracket Arms, 9 Each And Luminaires; Salvage, Clean And Deliver To The State; Demolish And Remove Concrete Bases And Backfill.

Complete

PROPOSAL SCHEDULE (All Work Excluding New Sewer Facilities) ITEM NO. UNIT PRICE **AMOUNT** ITEM APPROX. UNIT **QUANTITY** 622.1100 Existing 2" Conduit With New 3 No. 1, 1 No. 2 Ground 1.880 Each **Highway Lighting Conductors** New 3 No. 1, 1 No. 2 Ground Highway Lighting 5.760 622.1200 Each Conductors Disconnect and Remove Existing Direct Buried Highway 622.1300 930 Each Lighting Cables, and Backfill Complete Disconnect and Remove Existing Highway Lighting Circuit 622.1400 200 L.F. Conductors, Fill Empty 2-inch Conduit With Concrete and Abandon In Place Remove and Relocate Existing Highway Light Standard 622.1500 Each onto New Concrete Foundation, Including All Highway Lighting Wiring as Required, and Demolish and Remove Existing Concrete Base, and Backfill Complete 622,1600 Existing Highway Light Pullbox to be Demolished and Each Removed and Replaced with New Traffic Rated Type C Highway Light Pullbox, Adjust to Final Grade L.S. 622,1700 Connect existing highway lighting to JCI lightgrid system L.S. L.S Type A Traffic Signal/Communications Pullboxes 623.0100 7 Each \$

PROPOSAL SCHEDULE (All Work Excluding New Sewer Facilities) ITEM NO. ITEM APPROX. UNIT PRICE **AMOUNT** UNIT **QUANTITY** Type C Traffic Signal/Communications Pullboxes 623.0200 7 Each Two 2-Inch Traffic Signal Ducts, Concrete Encased L.F. 623.0300 3,910 Stub and Cap Traffic Signal Ducts 623.0400 10 Each Connect Existing Traffic Signal Conduit to New Traffic 623.0500 5 Each Signal Conduit 623.0600 Traffic Rated Type A Traffic Signal/Communications 11 Each **Pullboxes** Traffic Rated Type C Traffic Signal/Communications 623.0700 11 Each **Pullboxes** L.F. Two 2-Inch Communications Signal Ducts, Concrete 4.020 623.0800 **Encased** 623.0900 One 2-Inch Communications Electric Ducts, Concrete L.F. 460 Encased 623.0950 One 3-Inch Communications Electric Ducts, Concrete 3.560 L.F. Encased

PROPOSAL SCHEDULE (All Work Excluding New Sewer Facilities) ITEM NO. APPROX. UNIT PRICE **AMOUNT** ITEM UNIT QUANTITY 623.1000 Existing Traffic Signal Pullbox to be Demolished and Each Removed and Replaced with New Traffic Rated Type A Traffic Signal Pullbox, Adjusted to Final Grade 623.1100 Existing Traffic Signal Pullbox to be Demolished and Each Removed and Replaced with New Traffic Rated Type B Traffic Signal Pullbox, Adjusted to Final Grade L.S. L.S. L.S. 624.0100 Water Systems 626.0100 6-Inch Standard Valve Box 2 Each 16-Inch Beveled Gear Standard Valve Box 626.0200 Each 626.0300 24-Inch Beveled Gear Standard Valve Box Each L.S. 627.0100 Hydrodynamic Separator Structures L.S. L.S. 4-Inch Pavement Striping (Thermoplastic Extrusion) L.F. 629.0100 2,920 L.F. 629.0200 6-Inch Pavement Striping (Thermoplastic Extrusion) 4.870 629.0300 8-Inch Pavement Striping (Thermoplastic Extrusion) L.F. 1,740 629.0400 12-Inch Pavement Striping (Thermoplastic Extrusion) 1,250 L.F.

PROPOSAL SCHEDULE (All Work Excluding New Sewer Facilities)

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.0500	Crosswalk Marking (Thermoplastic Extrusion)	100	L.F.	\$	\$
629.0600	Pavement Symbol (Thermoplastic Extrusion) 9		Each	\$	\$
629.0700	Profiled Thermoplastic Striping 19 Each		\$	\$	
629.0800	Type "C" Pavement Markers	250	Each	\$	\$
629.0900	Type "F" Pavement Markers	2	Each	\$	\$
629.1000	Type "H" Pavement Markers	76	Each	\$	\$
631.0100	Regulatory Sign (10 Square Feet or Less, w/ post)	6	Each	\$	\$
631.0200	Regulatory Sign (More than 10 Square Feet, w/ 2 posts)	1	Each	\$	\$
631.0300	Warning Sign (10 Square Feet or Less, w/ post)	10	Each	\$	\$
631.0400	Warning Sign (More than 10 Square Feet, w/ 2 posts)	3	Each	\$	\$
631.0500	Interchange Exit Sign (2 posts)	1	Each	\$	\$
631.0600	Relocation of Existing Sign	1	Each	\$	\$
631.0700	Guide Sign (Expressway)	4	Each	\$	\$

PROPOSAL SCHEDULE (All Work Excluding New Sewer Facilities) ITEM NO. ITEM APPROX. UNIT PRICE AMOUNT UNIT **QUANTITY** Guide Sign (1 Post) 631.0800 Each 634.0100 Portland Cement Concrete Sidewalk 439 C.Y. F.A. E-Construction License F.A. F.A. \$ 10,000.00 636.0100 Curb, Type 2D 638.0100 L.F. 1,650 Curb and Gutter, Type 2DG L.F. 638.0200 2,730 L.S. L.S. L.S. 641.0100 Hydro-mulch Seeding Maintenance of Existing Landscape Areas F.A. F.A. F.A. \$ 25,000.00 643.0100 645.0100 Traffic Control L.S. L.S. L.S. Additional Police Officers, Additional Traffic Control F.A. F.A. F.A. 645.0200 \$ 750,000.00 Devices, and Advertisement 648.0100 Field Posted Drawings L.S. L.S. L.S. Curb Ramp, Type B 650.0100 6 Each Each 650.0200 **Detectable Warning Mat** 6 Each Each

L.S.

L.S.

L.S.

696.0100

Field Office Trailer (Not to exceed \$32,000, 1 Total)

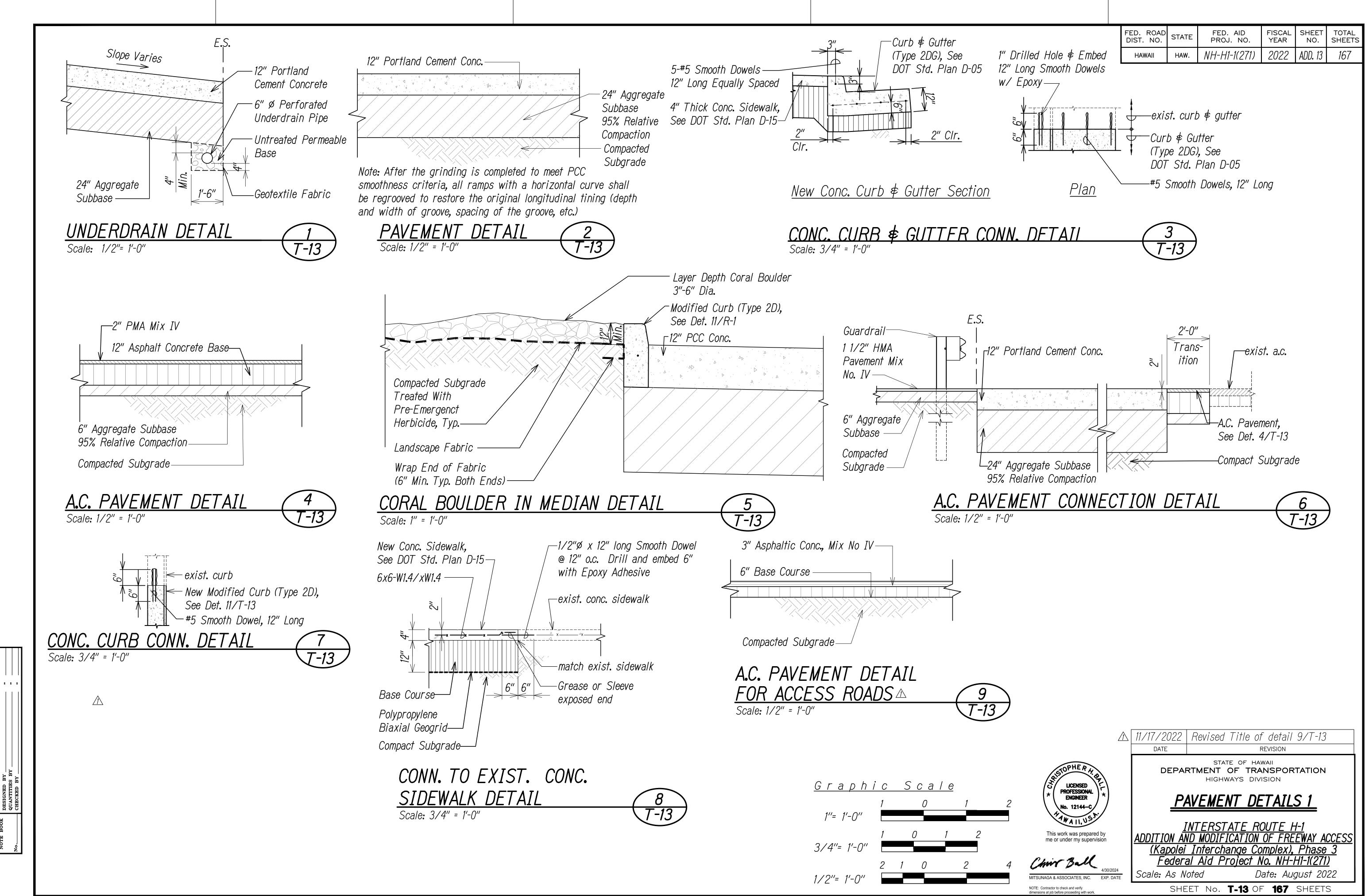
PROPOSAL SCHEDULE									
	(All Work Excluding New Sewer Facilities)								
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT				
696.0200	Maintenance of Trailers	F.A.	F.A.	F.A.	\$ <u>50,000.00</u>				
699.0100	0100 Mobilization (Not to exceed 6 percent of the sum of all items excluding the bid price of this item) L.S. L.S. L.S. \$								
	a. Sum of All Items (All Work Excluding New Sewer Faci	lities)			\$				
NOTE:	Bidders must complete all unit prices and amounts. Failure to d	o so may be grou	nds for reje	ction of bid.					

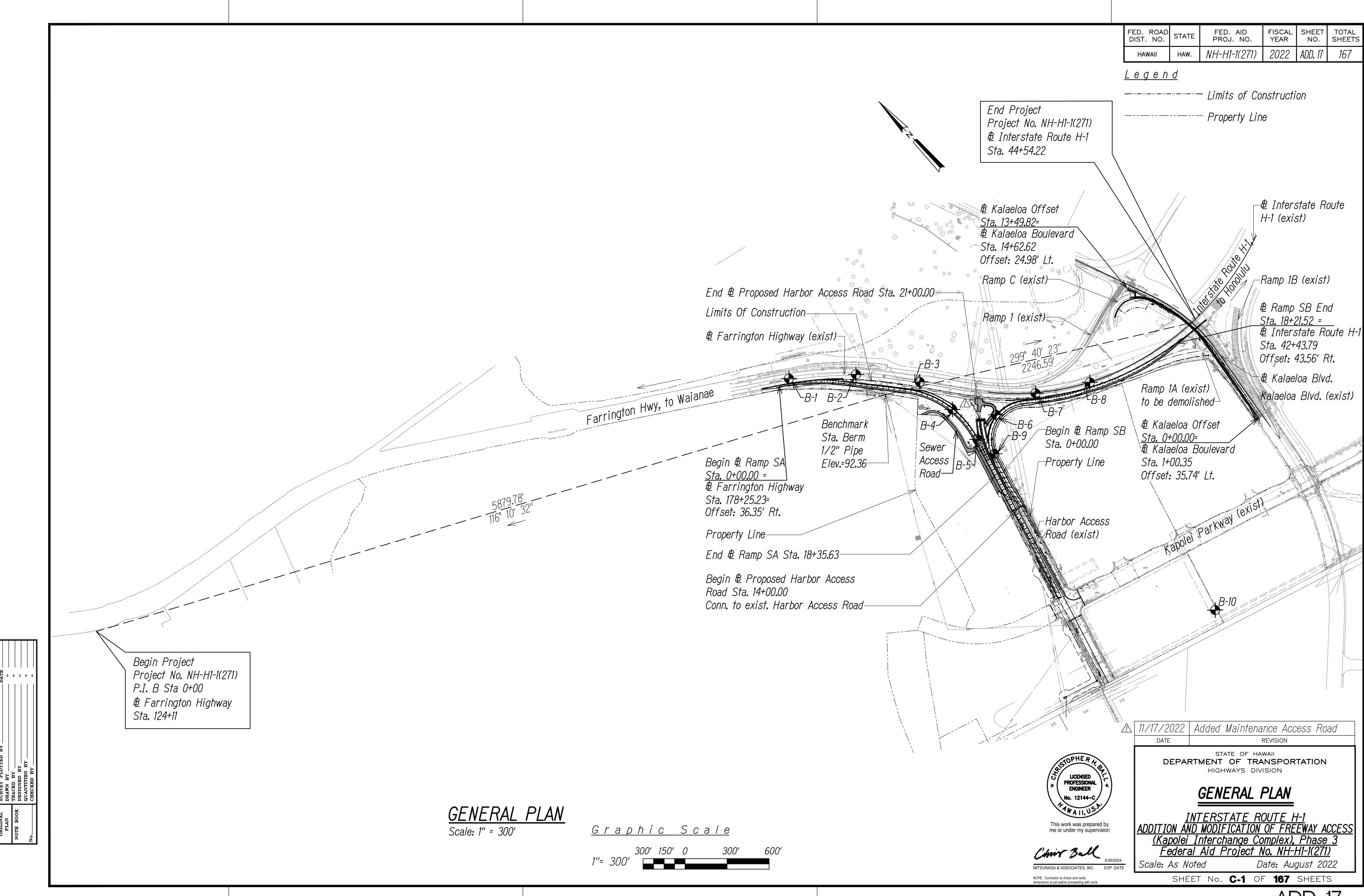
PROPOSAL SCHEDULE FOR NEW SEWER FACILITIES (HARBOR ACCESS ROAD BL STA. 14+03.99 RT. to 19+22.76 RT.)

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
204.0300	Trench Excavation for 30" Sewer Line	2,150	C.Y.	\$	\$
204.0400	Trench Backfill for 30" Sewer Line	C.Y.	\$	\$	
209.0300	Installation, Maintenance, Monitoring and Removal of B.M.P.				
209.0400	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	\$ 10,000.00
503.0700	Concrete in Reinforced Jacket for Sewer Line	70	C.Y.	\$	\$
625.0100	Sewer System	ewer System 560 L.F. \$		\$	\$
626.0400	Sewer Type "SB" Manhole, 14 Feet to 14.99 Feet 1 Each \$_		\$	\$	
626.0500	Sewer Type "SB" Manhole, 15 Feet to 15.99 Feet	1	Each	\$	\$
699.0200	Mobilization (Not to exceed 6 percent of the sum of all items under excluding the bid price of this Item)	L.S.	L.S.	L.S.	\$

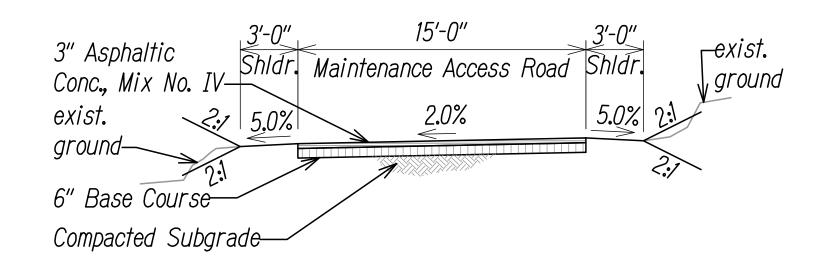
PROPOSAL SCHEDULE FOR NEW SEWER FACILITIES (HARBOR ACCESS ROAD BL STA. 14+03.99 RT. to 19+22.76 RT.) ITEM NO. ITEM APPROX. QUANTITY UNIT PRICE AMOUNT								
NOTES:								
1. 2.		Sewer Plan and Profile (Plan Sheets no. U-1 and U-4) for ers must complete all unit prices and amounts. Failure to			ection of bid.			

PROPOSAL SCHEDULE SUMMARY					
	a.	Sum of All Items (All Work Excluding New Sewer Facilities)	\$		
	b.	Sum of All Items for New Sewer Facilities	\$		
	C.	Amount for Comparison of Bids (a+b)	\$		
NOTE:	Bidder	rs must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.			

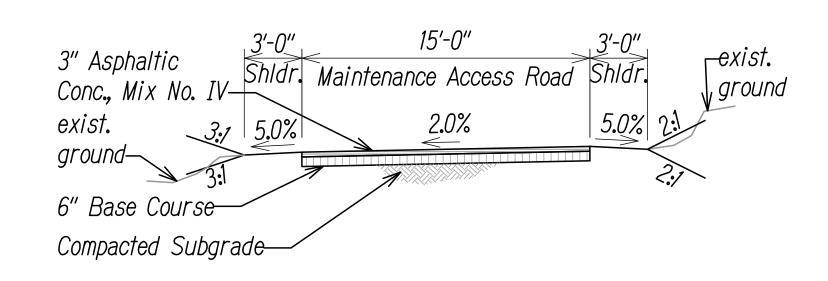




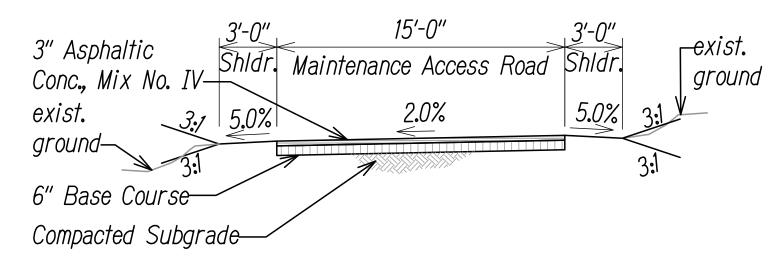
FED. ROAD DIST. NO. FED. AID PROJ. NO. FISCAL YEAR 2022 ADD. 29 S-1 NH-H1-1(271)



△ TYPICAL ROAD SECTION <u># STA. 0+45 TO STA. 0+85 - MAINTENANCE ACCESS ROAD</u> Scale: 1"=5'-0"



△ TYPICAL ROAD SECTION <u># STA. 0+85 TO STA. 1+40 - MAINTENANCE ACCESS ROAD</u> Scale: 1"=5'-0"



△TYPICAL ROAD SECTION # STA. 1+40 TO STA. 2+70 - MAINTENANCE ACCESS ROAD Scale: 1"=5'-0"



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION TYPICAL SECTIONS 12

DATE

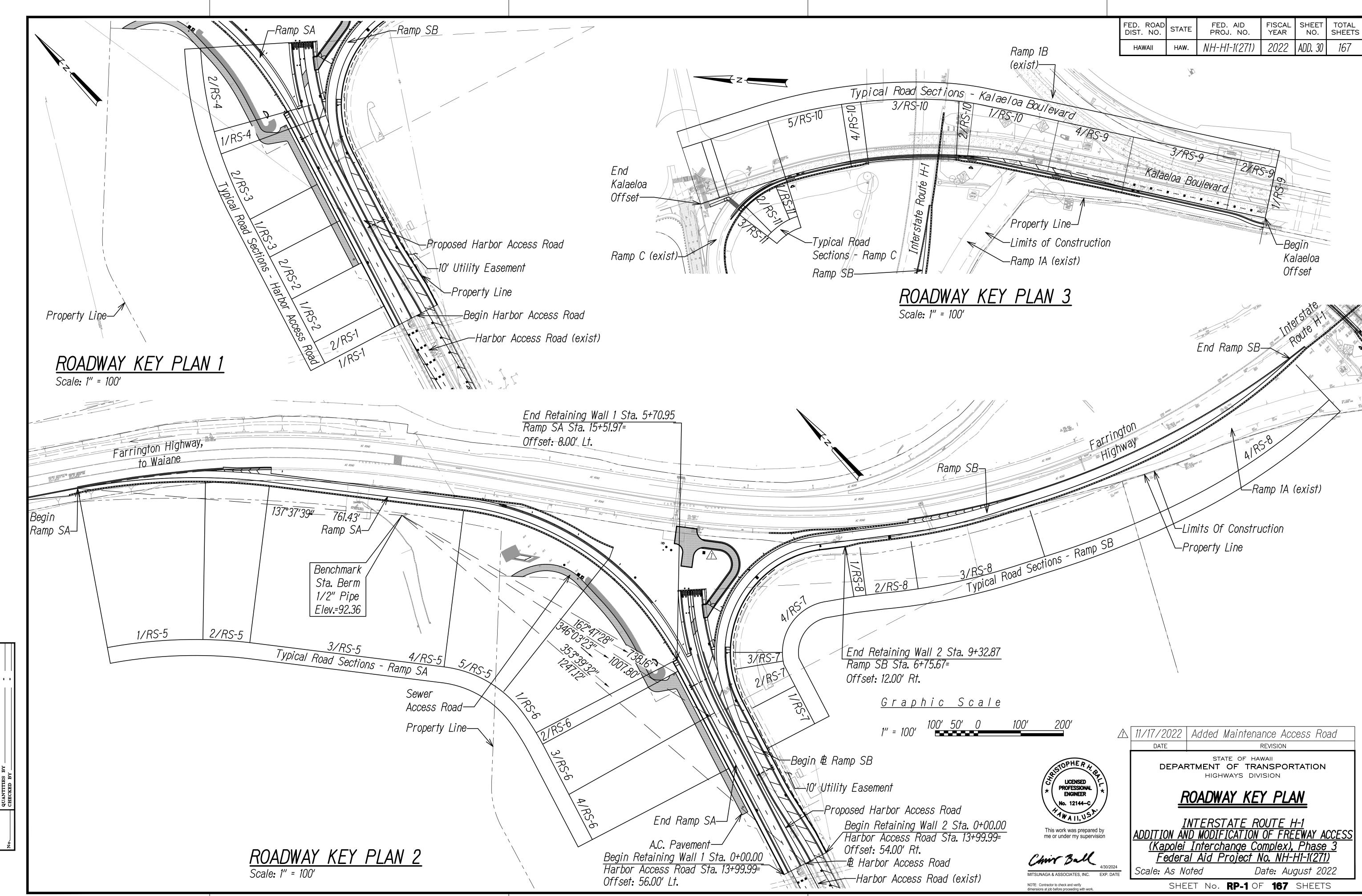
<u>INTERSTATE ROUTE H-1</u> ADDITION AND MODIFICATION OF FREEWAY ACCESS

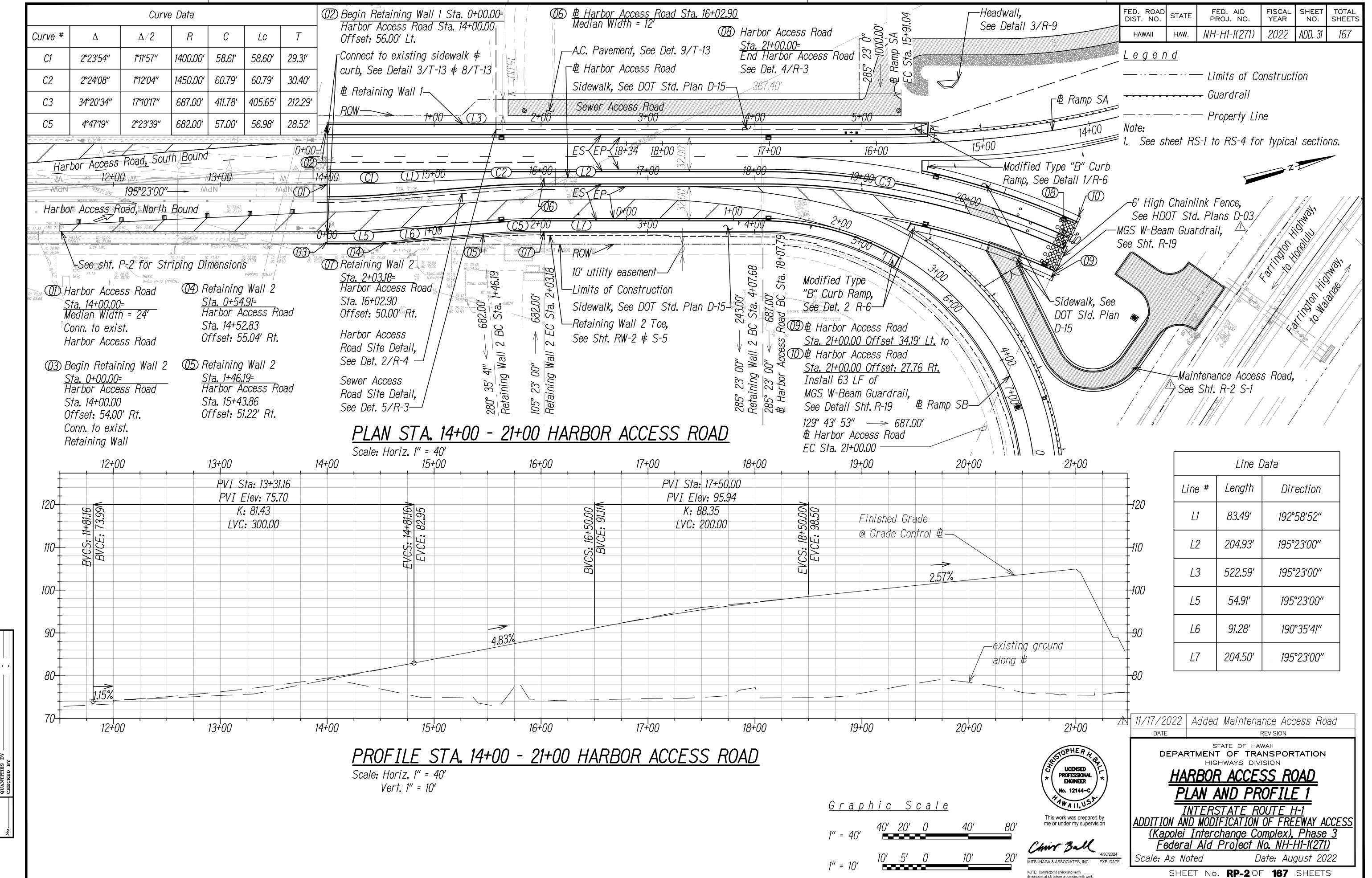
11/17/2022 | Added Maintenance Access Road

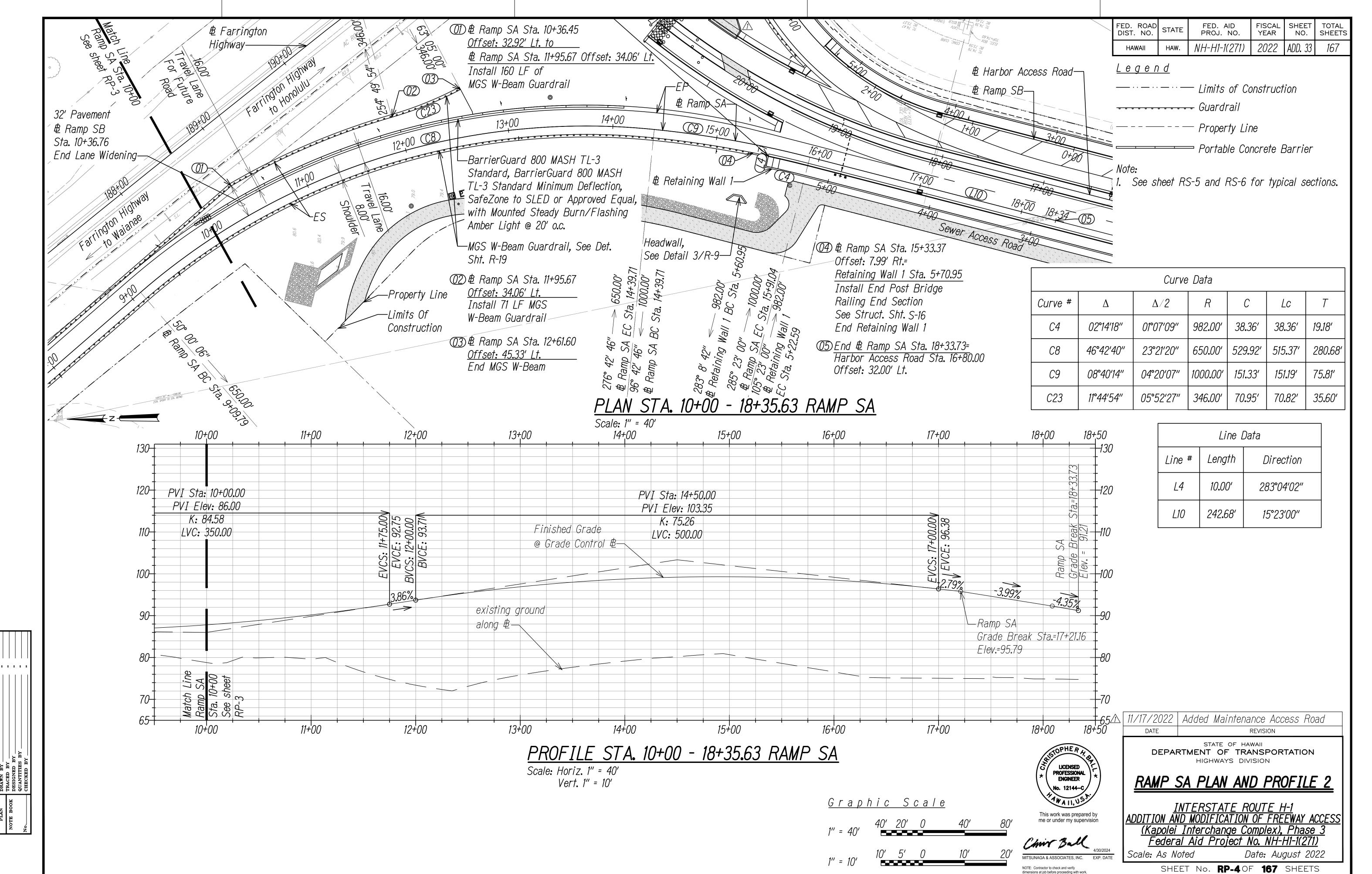
REVISION

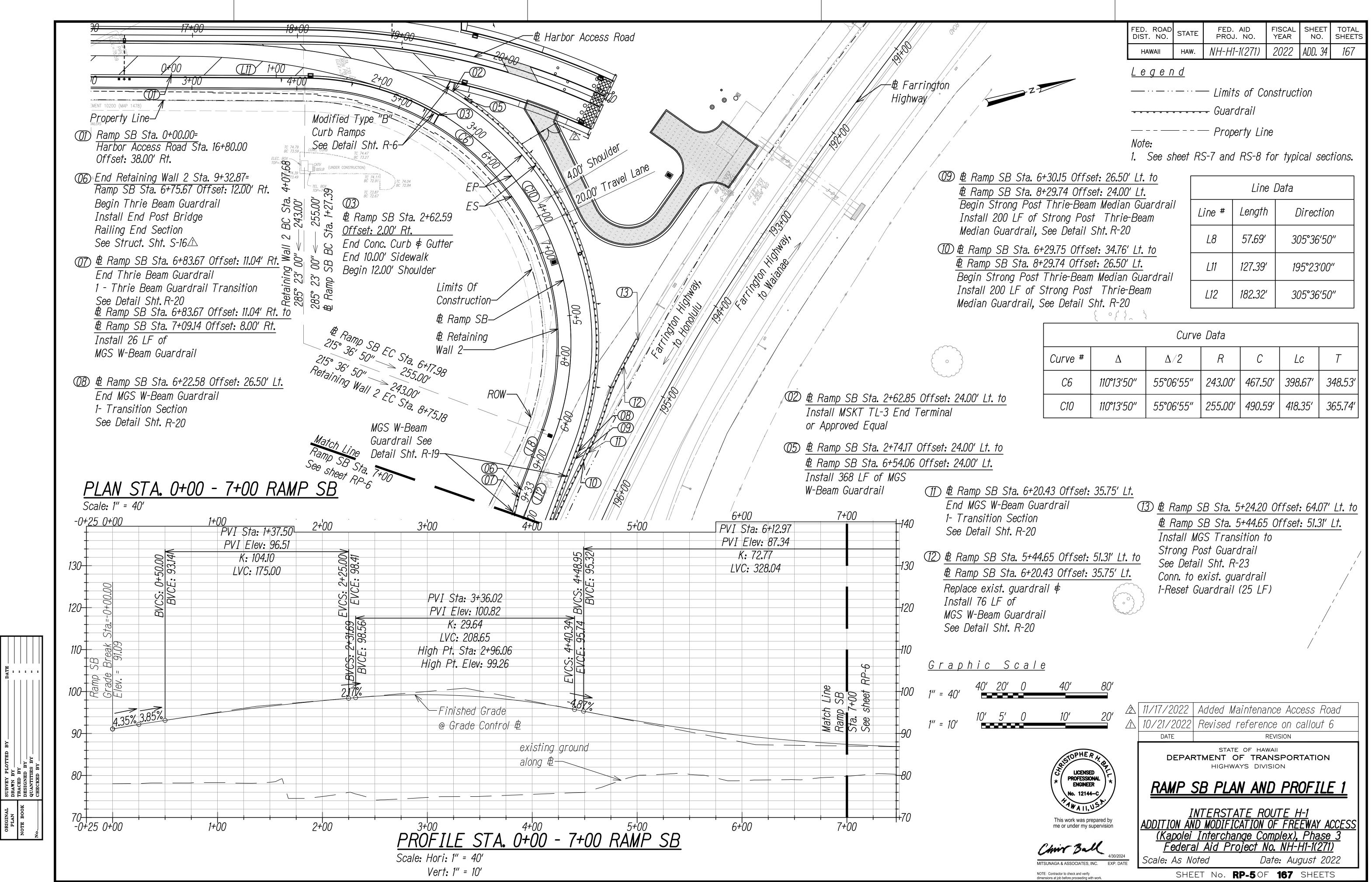
SHEET No.R-11 S-10F 167 SHEETS

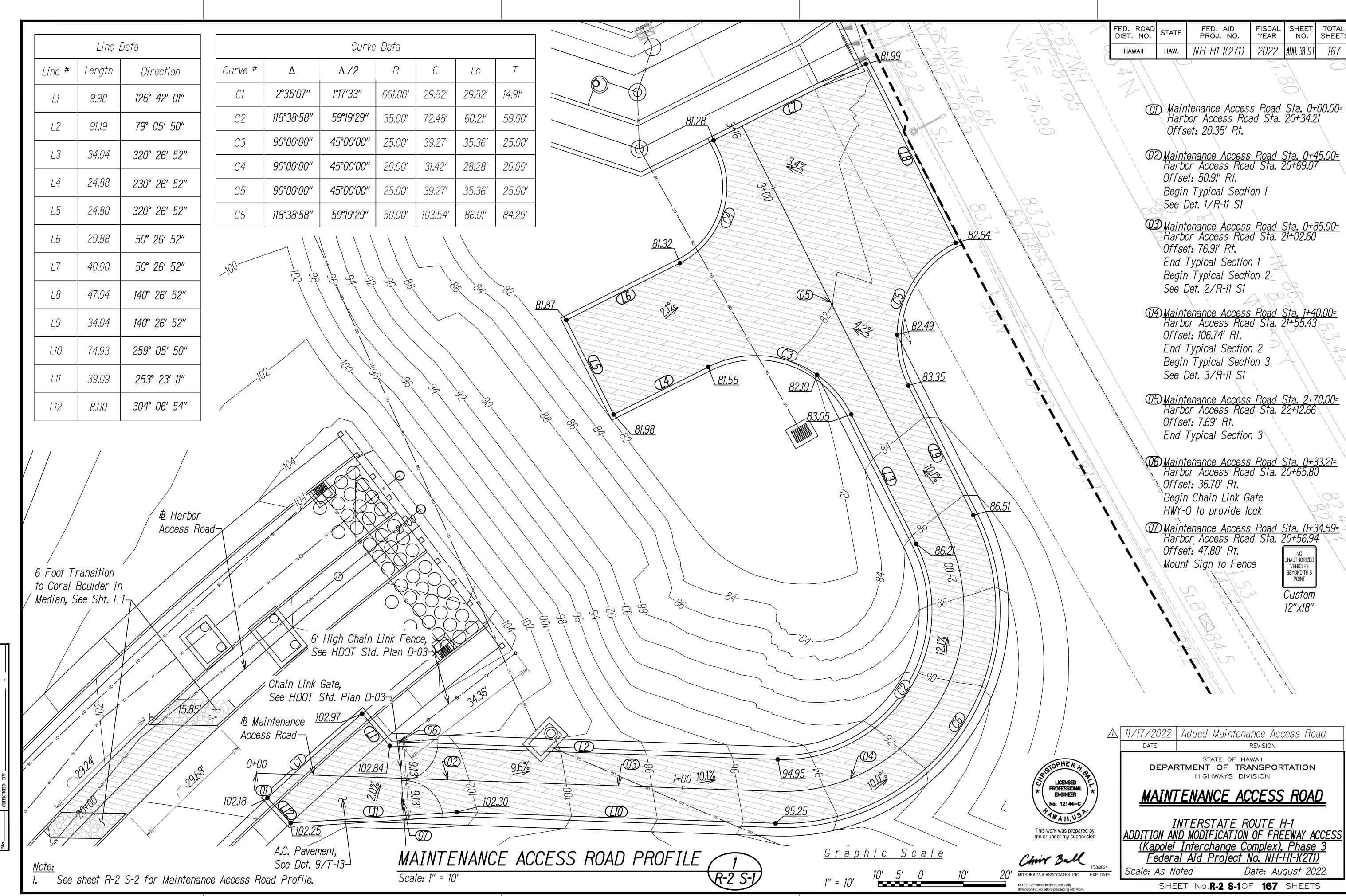
<u>Graphic Scale</u>





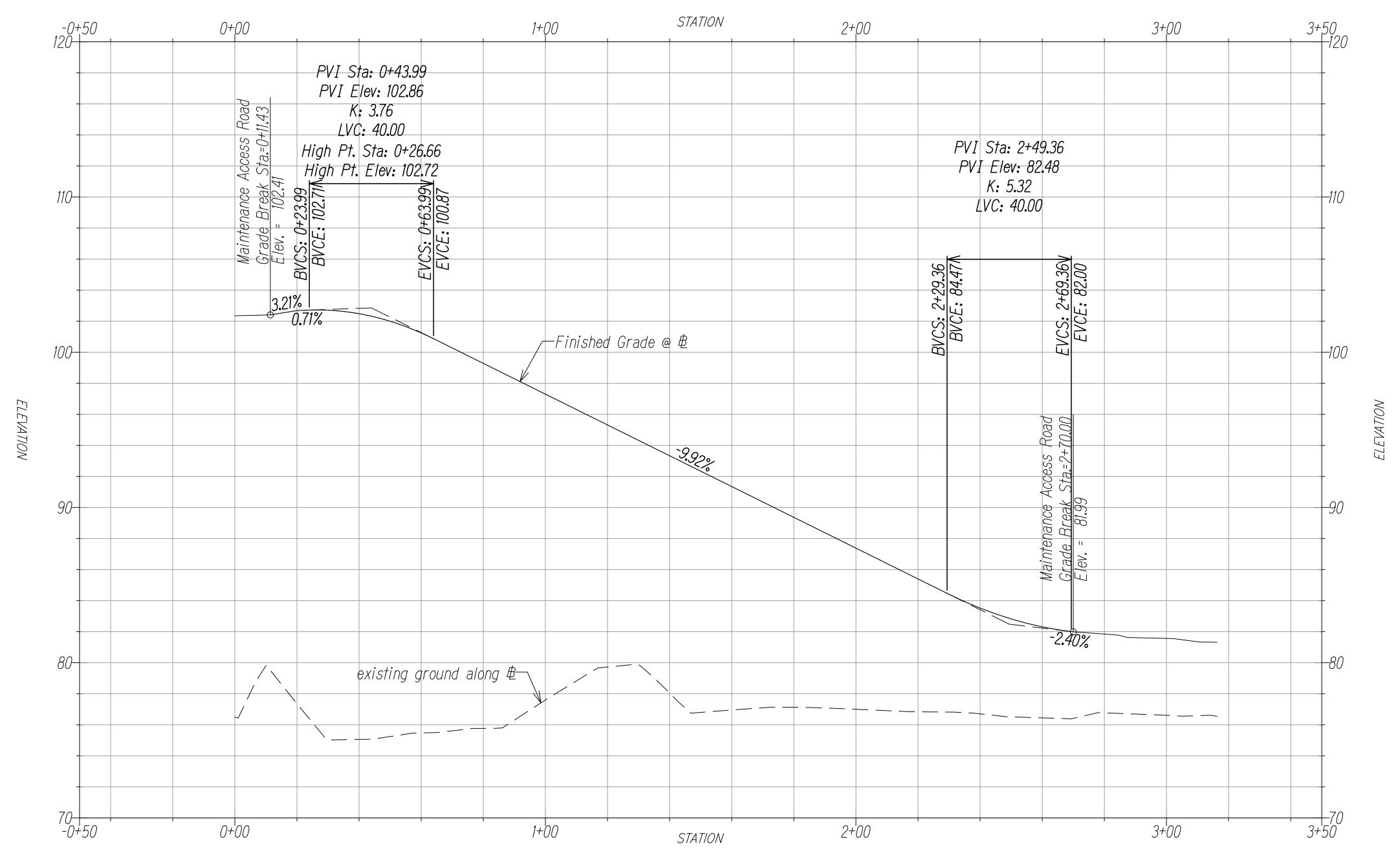






ADD. 38 S-1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H1-1(271)	2022	ADD. 38 S-2	167

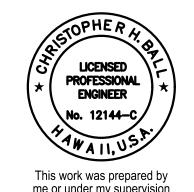


MAINTENANCE ACCESS ROAD PROFILE

Horizontal Scale: 1" = 10' Vertical Scale: 1" = 4'



<u>Graphic Scale</u>



This work was prepared by me or under my supervision

NOTE: Contractor to check and verify dimensions at job before proceeding with wor

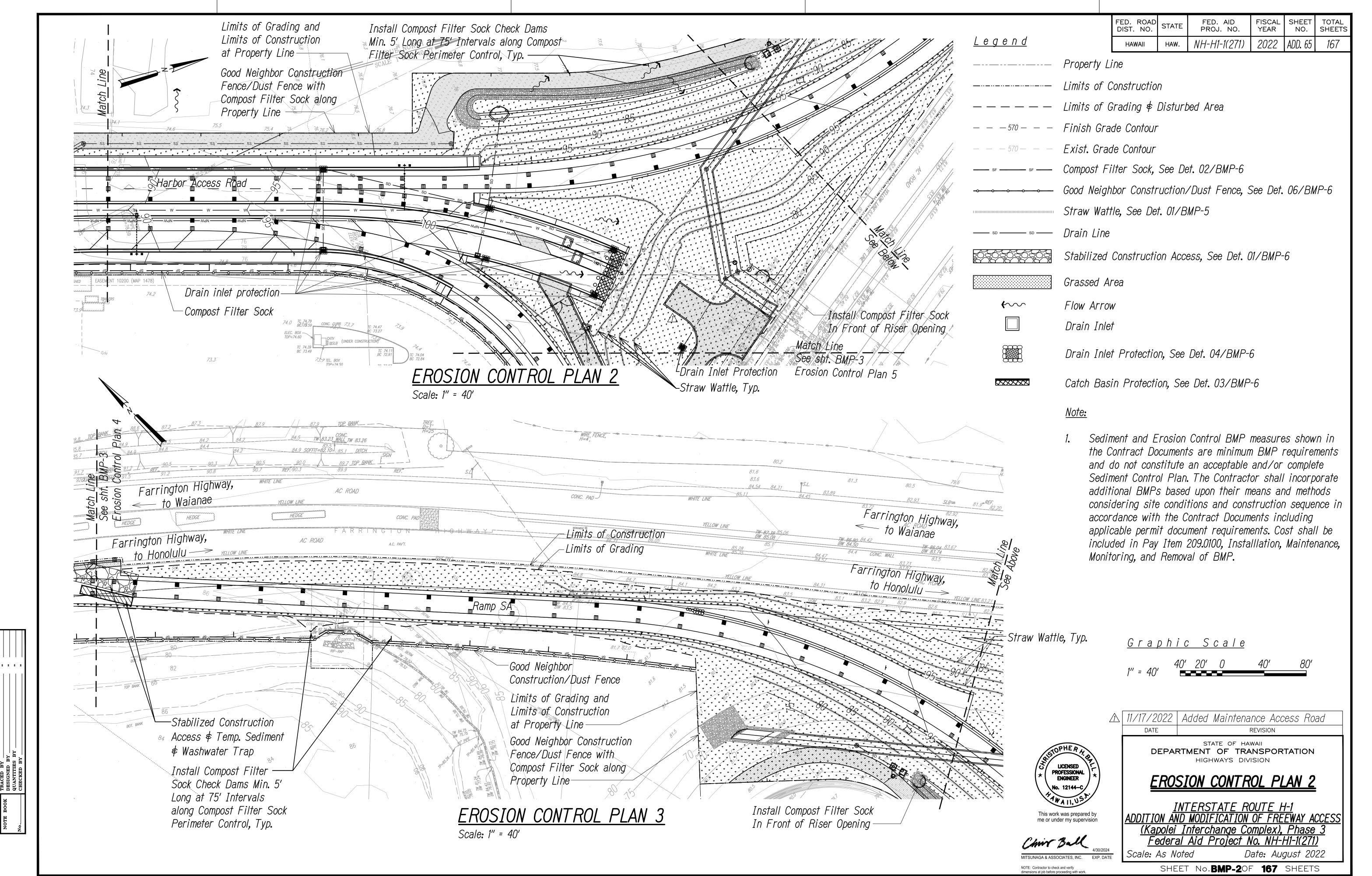
11/17/2022 Added Maintenance Access Road

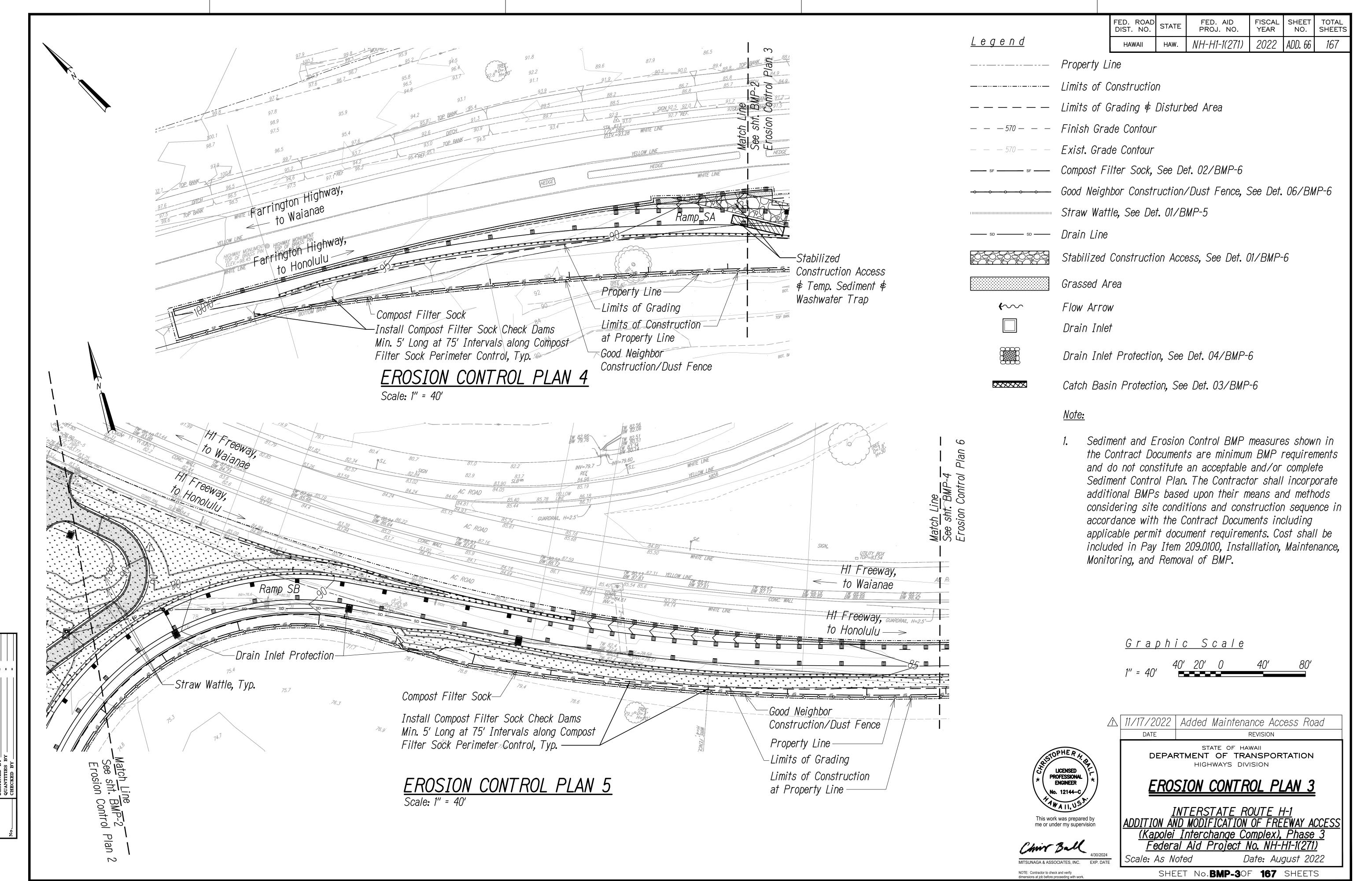
DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION MAINTENANCE ACCESS ROAD **PROFILE**

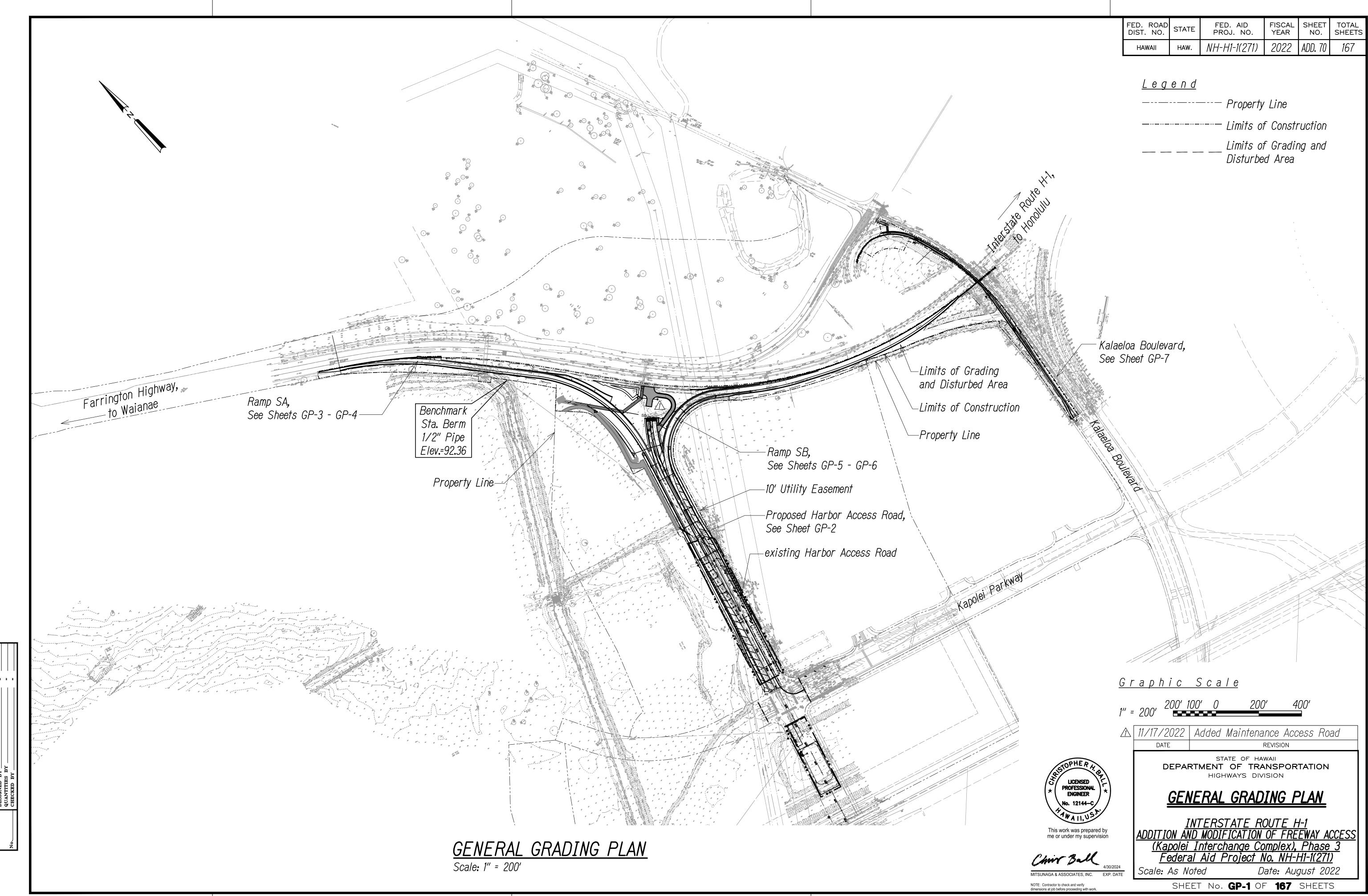
INTERSTATE ROUTE H-1
ADDITION AND MODIFICATION OF FREEWAY ACCESS
(Kapolei Interchange Complex), Phase 3
Federal Aid Project No. NH-H1-1(271)

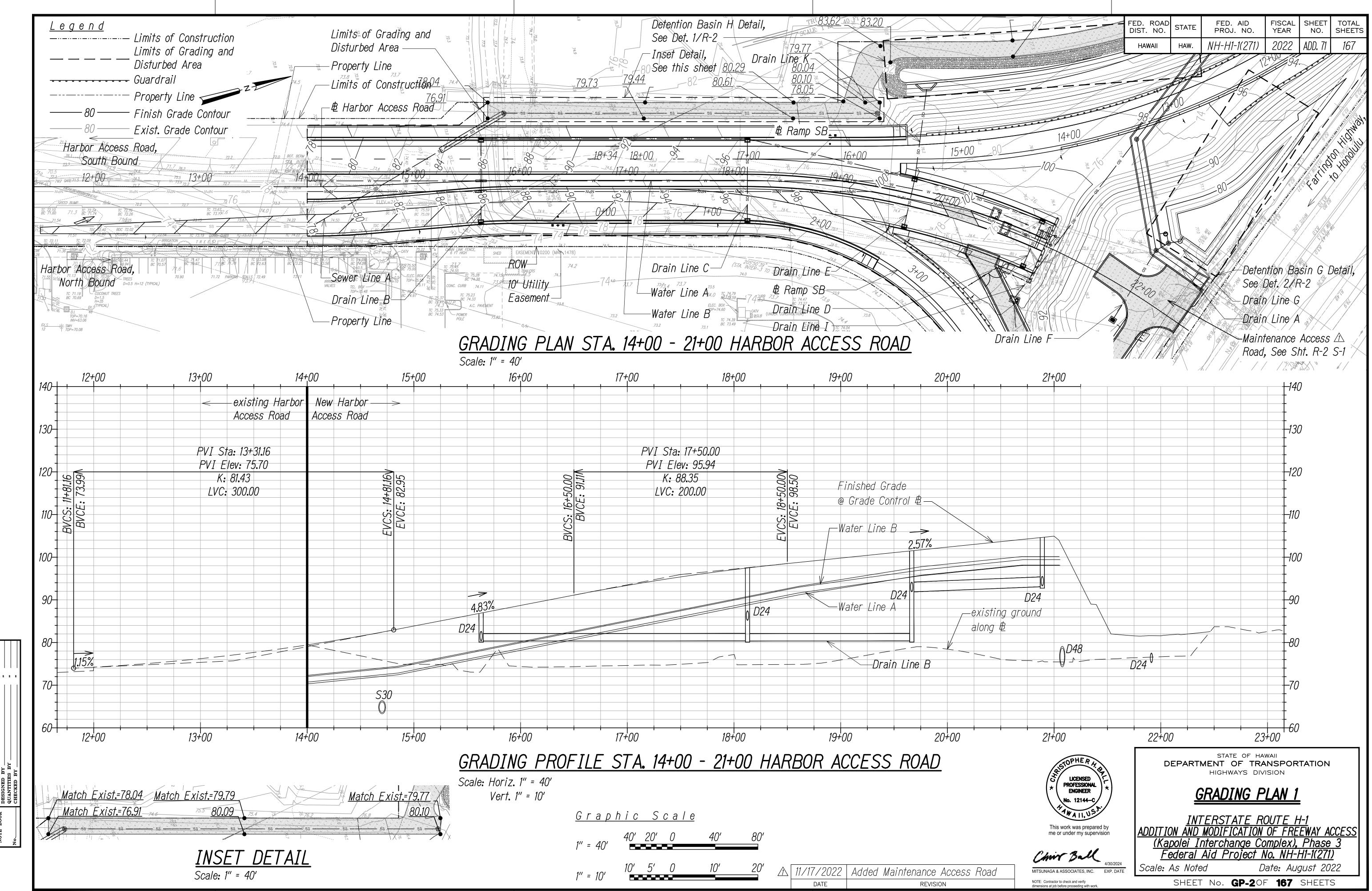
Scale: As Noted Date: August 2022 SHEET No.R-2 S-20F 167 SHEETS

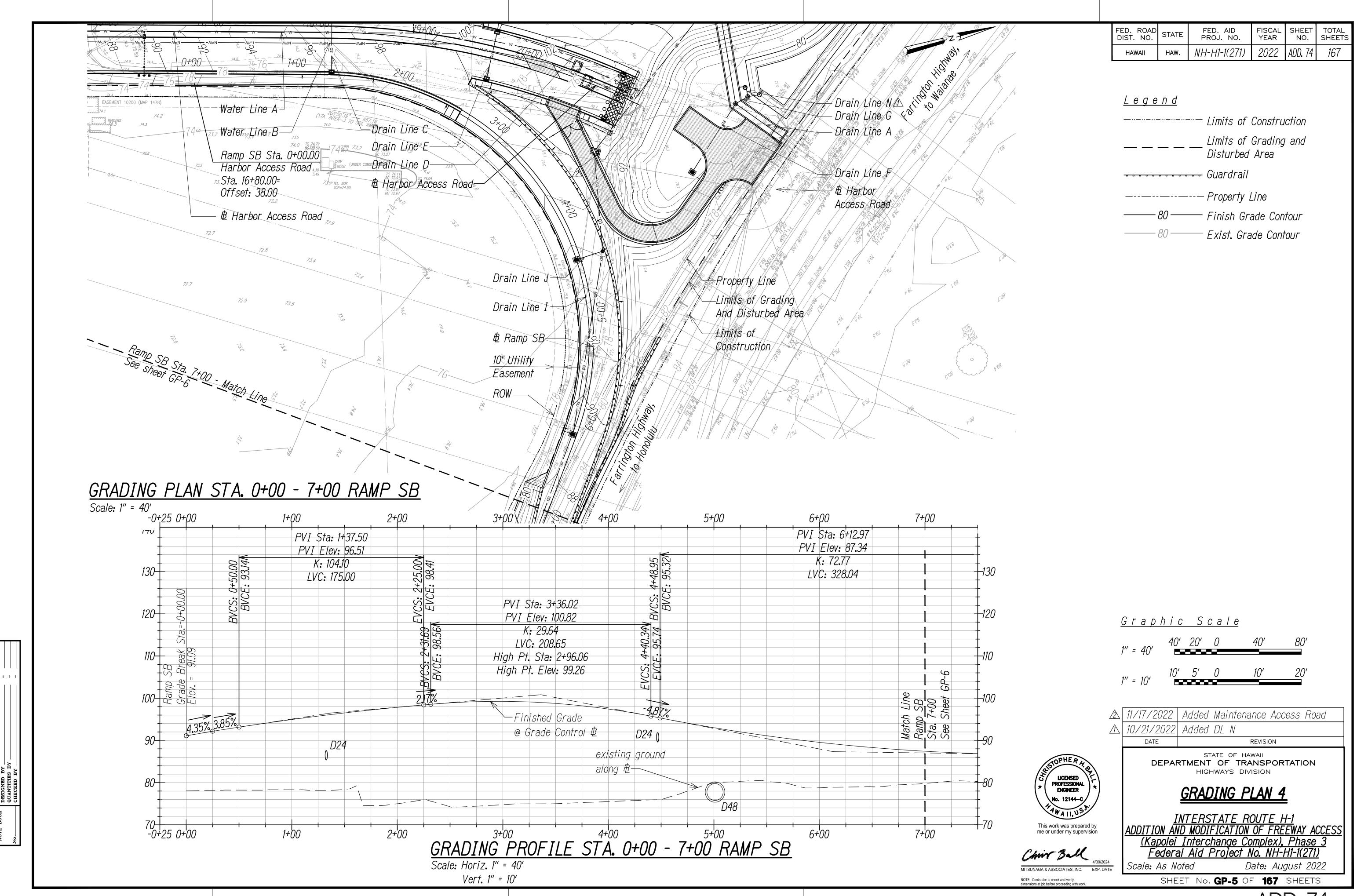


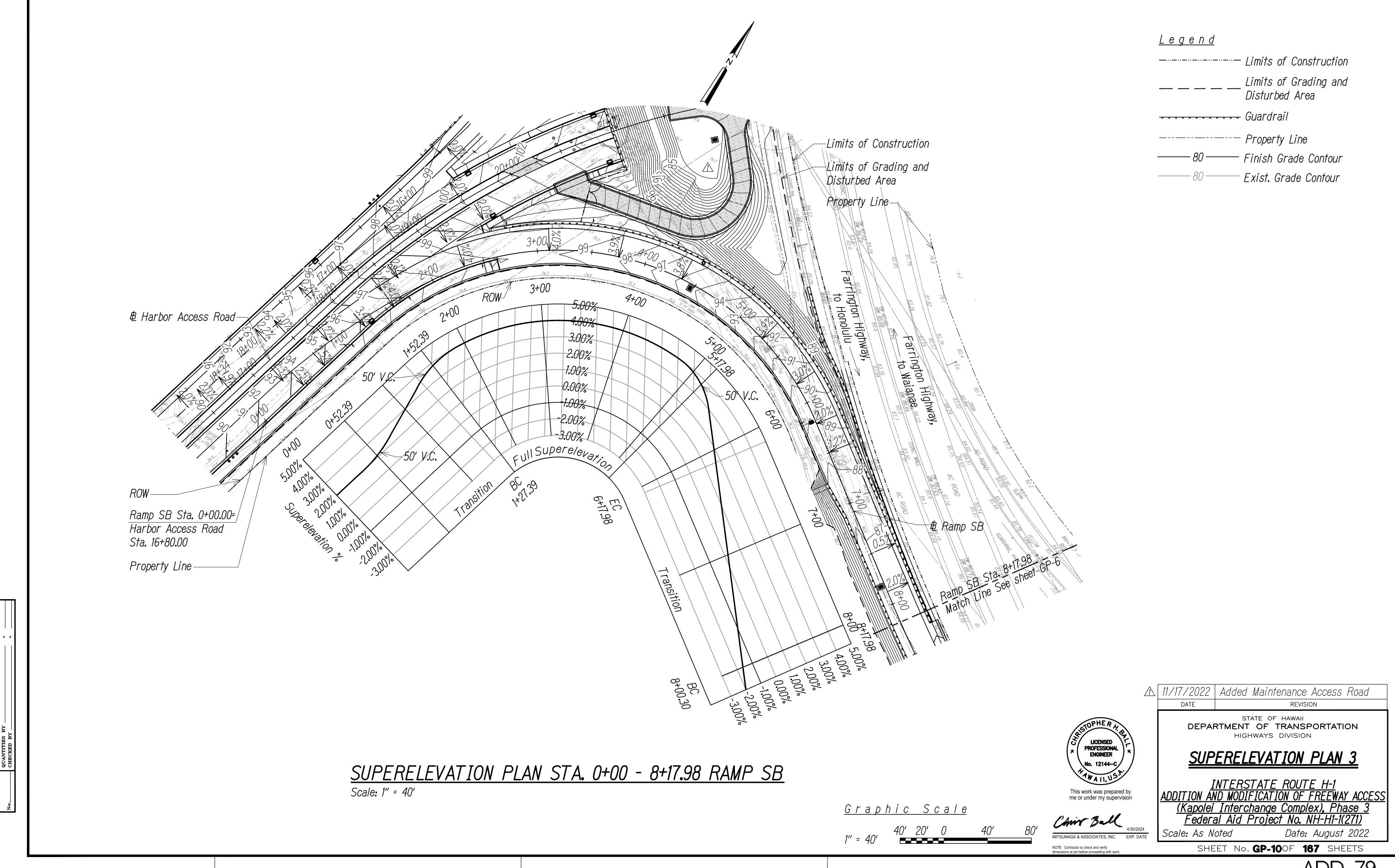












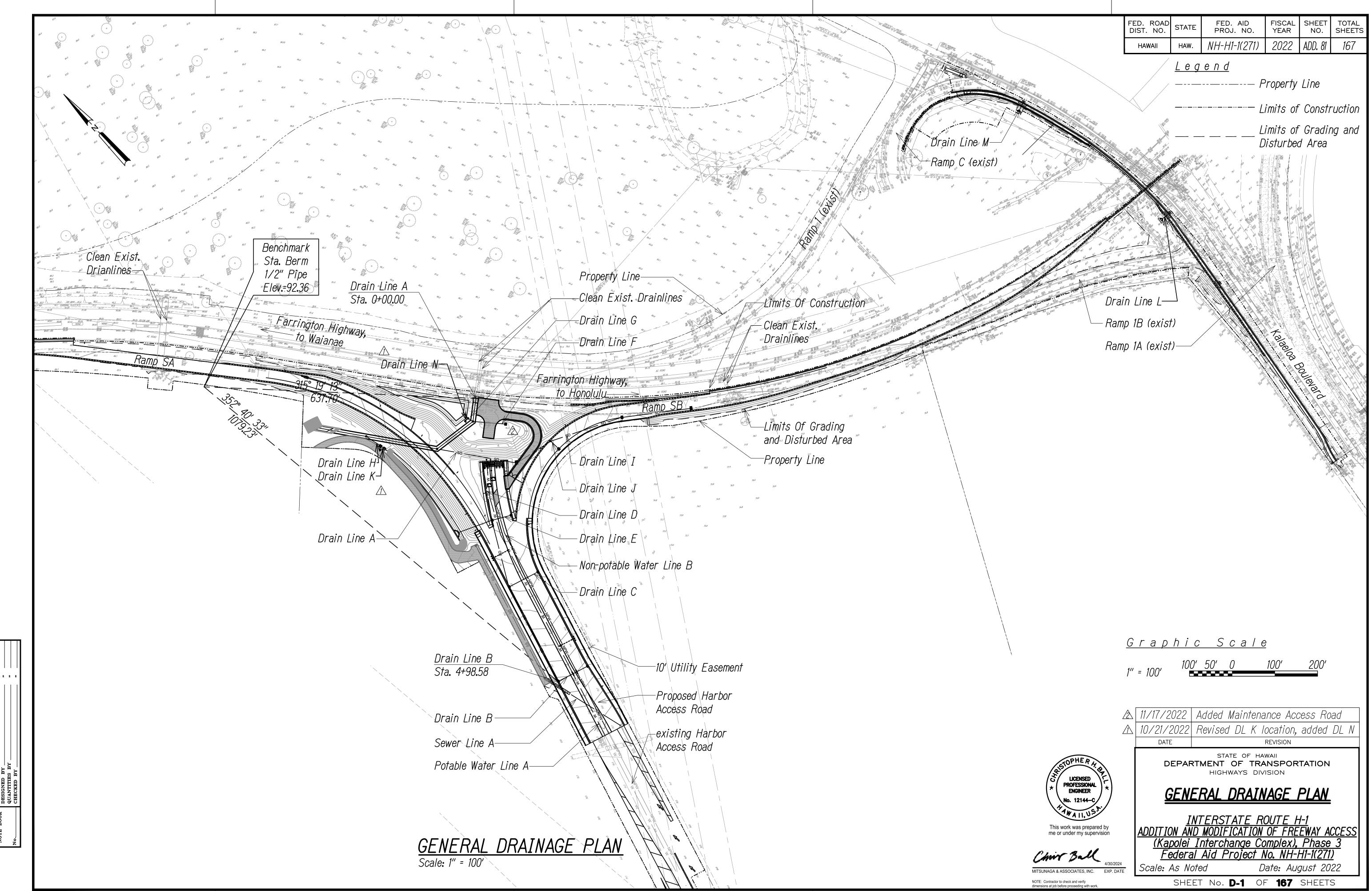
FISCAL SHEET YEAR NO.

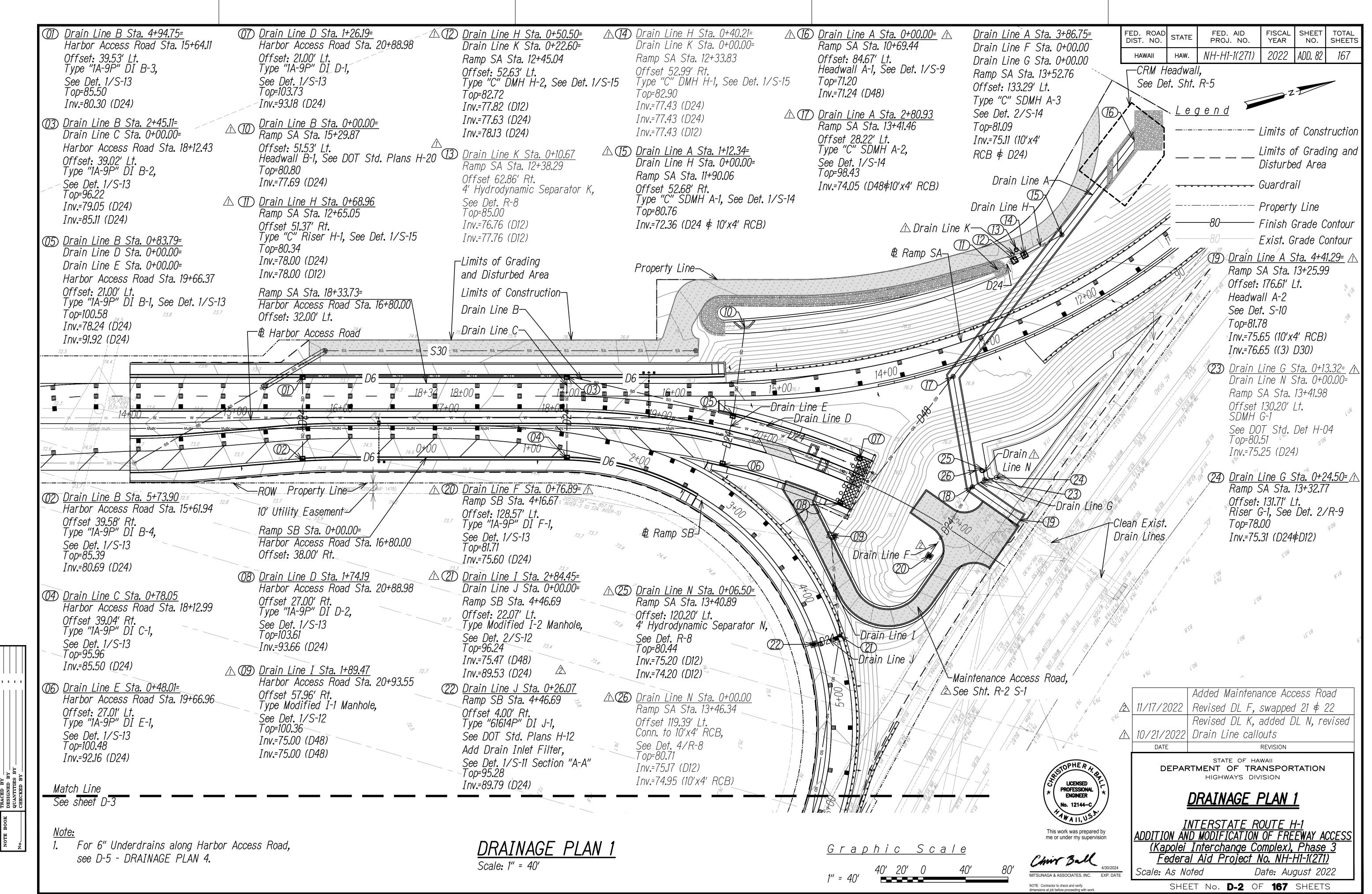
2022 ADD. 79

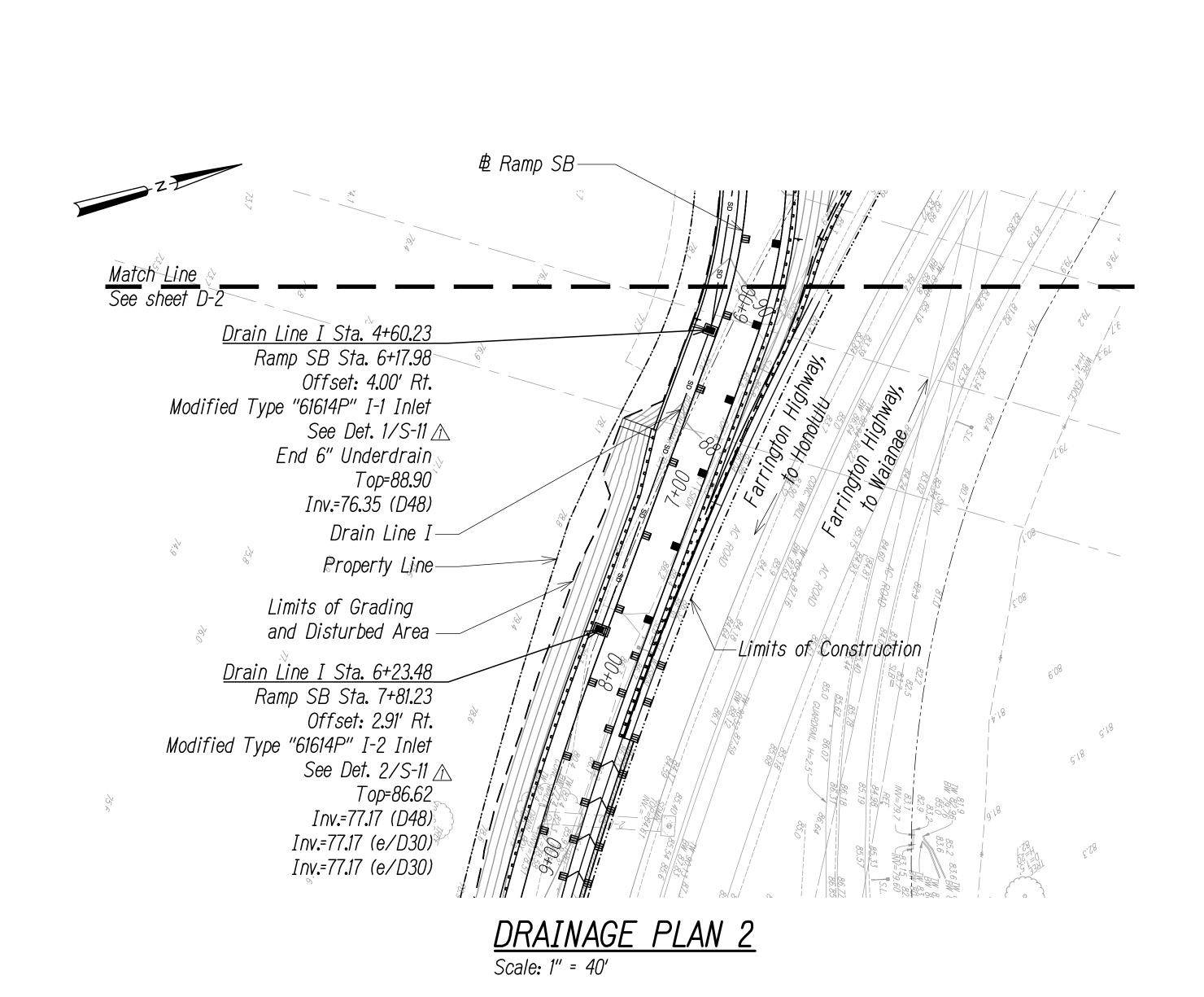
FED. AID PROJ. NO.

NH-H1-1(271)

FED. ROAD DIST. NO.







FISCAL SHEET TOTAL YEAR NO. SHEETS FED. ROAD DIST. NO. FED. AID PROJ. NO. NH-H1-1(271) 2022 ADD. 83 167

<u>Legend</u> —— Limits of Construction Limits of Grading and Disturbed Area ••••• Guardrail ----- Property Line ---- Finish Grade Contour – Exist. Grade Contour

LICENSED PROFESSIONAL

This work was prepared by me or under my supervision

Chir B 4/30/2024

MITSUNAGA & ASSOCIATES, INC. EXP. DATE

<u>Graphic Scale</u>

11/17/2022 Revised detail reference sheet

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

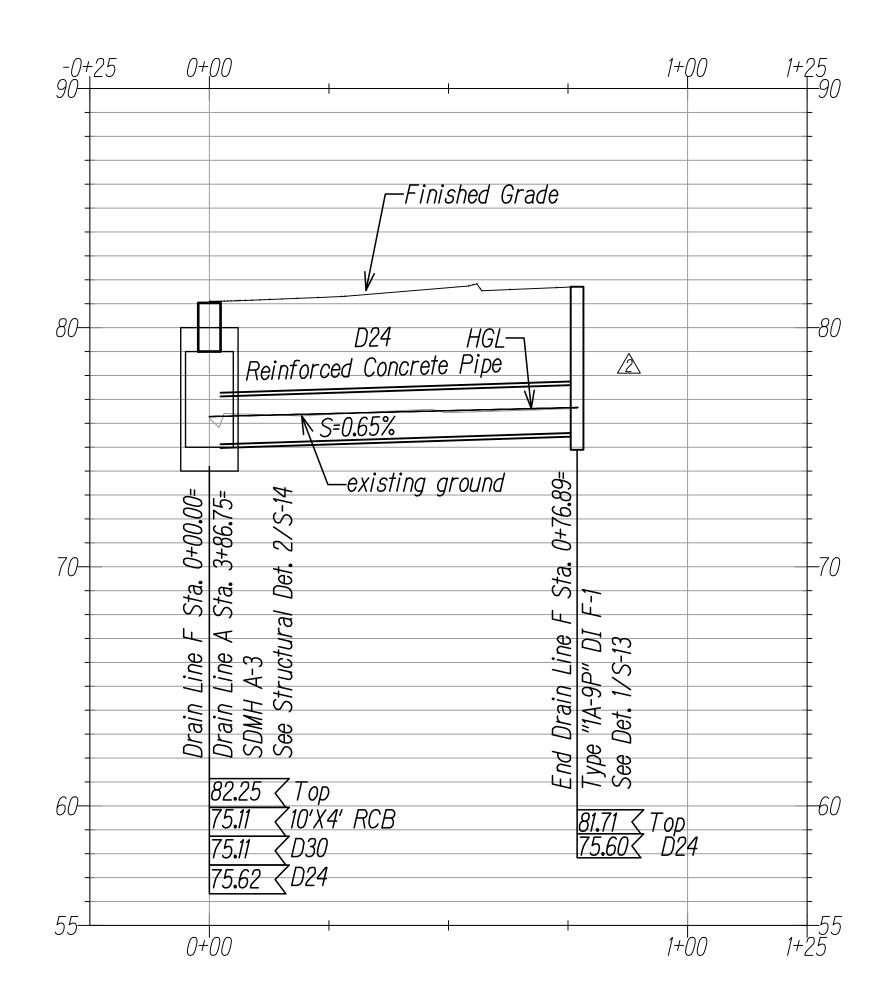
DRAINAGE PLAN 2

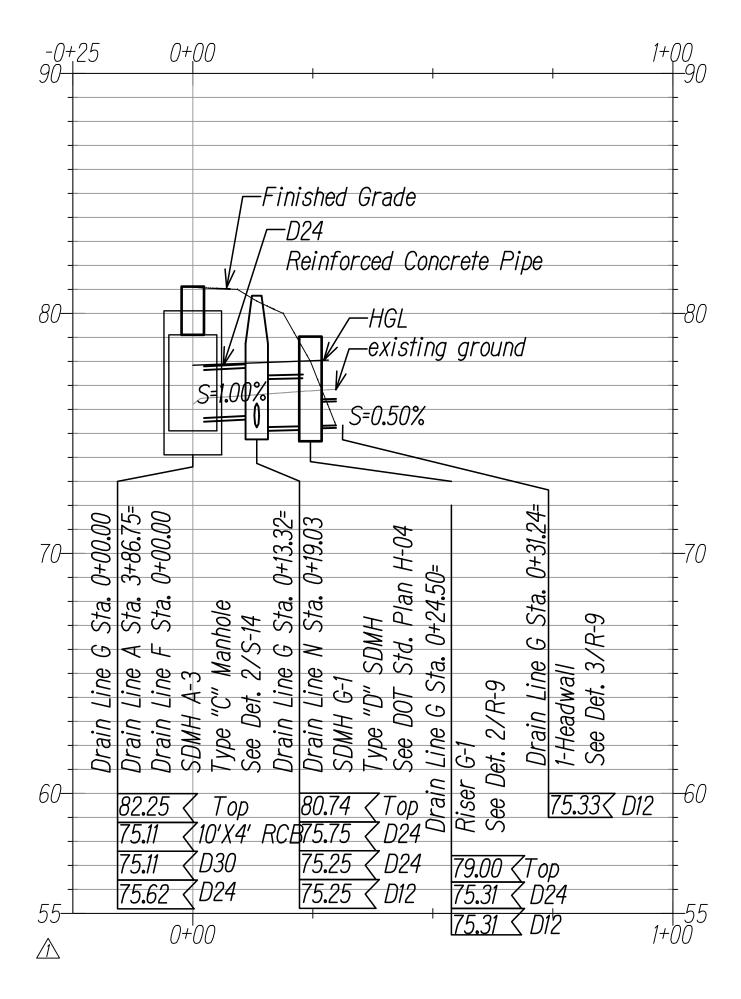
INTERSTATE ROUTE H-1
ADDITION AND MODIFICATION OF FREEWAY ACCESS (Kapolei Interchange Complex), Phase 3 Federal Aid Project No. NH-H1-1(271)

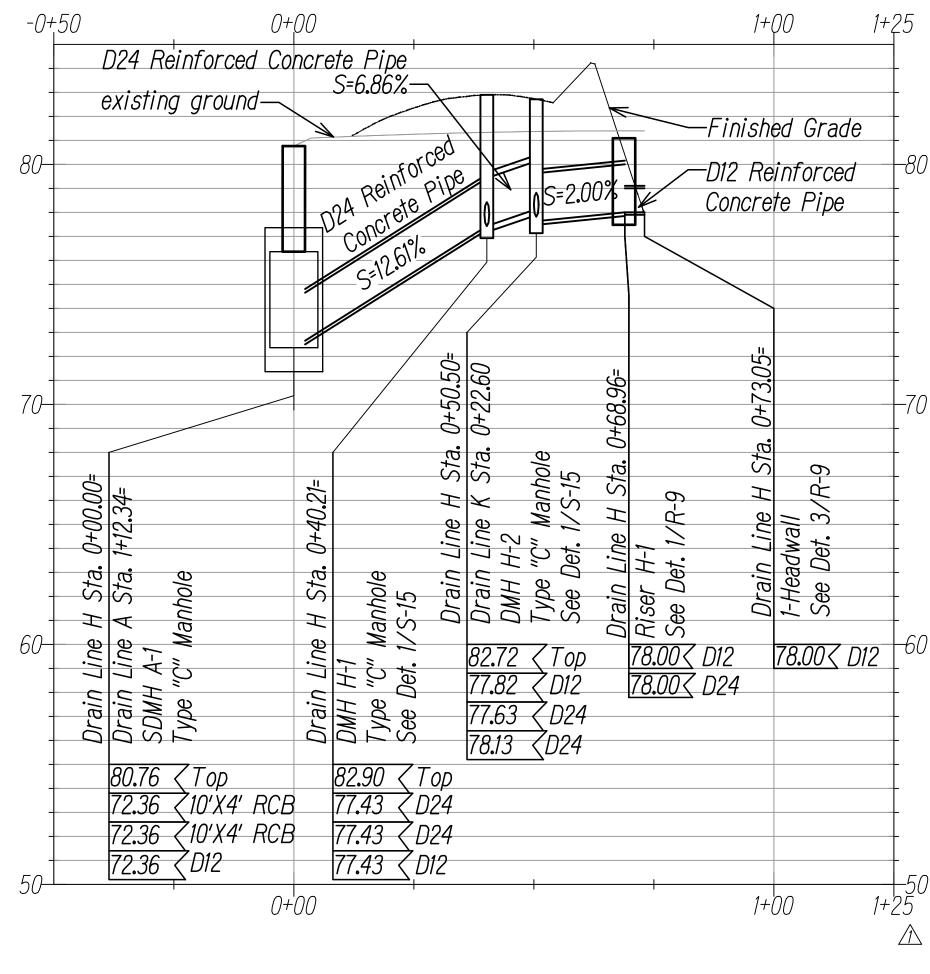
Scale: As Noted Date: August 2022

SHEET No. **D-3** OF **167** SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H1-1(271)	2022	ADD. 89	167







DRAIN LINE F PROFILE

Scale: Horiz: 1" = 20'

Vert: 1" = 4'

DRAIN LINE G PROFILE

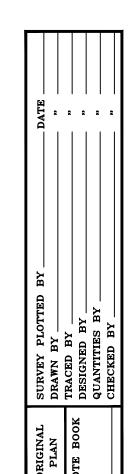
Scale: Horiz: 1" = 20'

Vert: 1" = 4'

DRAIN LINE H PROFILE

Scale: Horiz: 1" = 20'

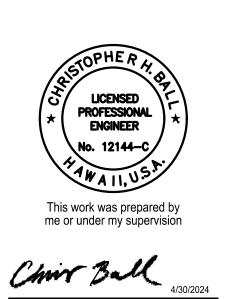
Vert: 1" = 4'



<u>Graphic Scale</u>

1" = 20' 20' 10' 0 20' 40'

1" = 4' 4' 2' 0 4' 8'



NOTE: Contractor to check and verify

DATE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE PROFILES 4

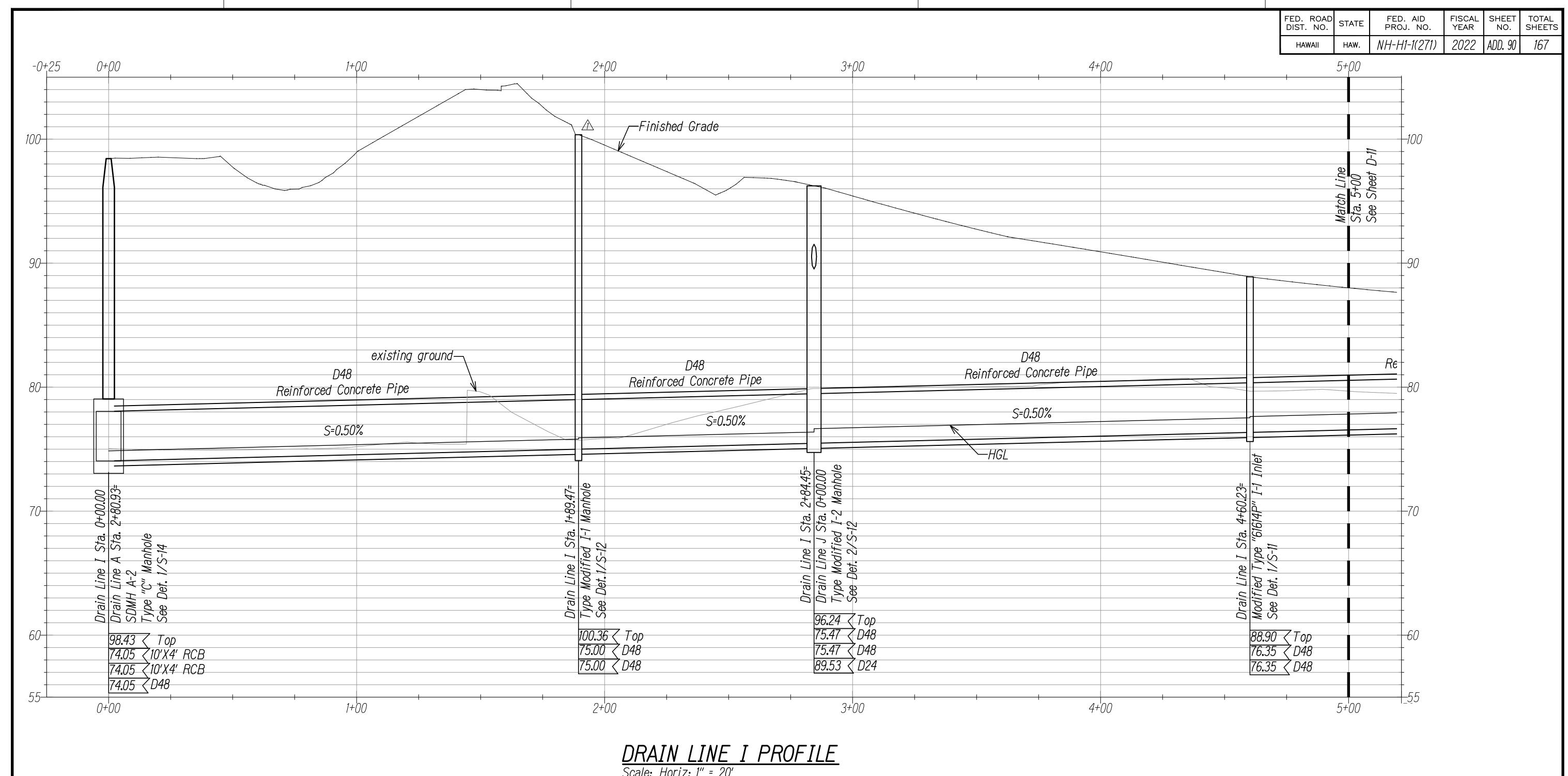
INTERSTATE POUTE H-1

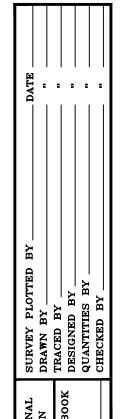
△ 11/17/2022 | Revised DL F

INTERSTATE ROUTE H-1
ADDITION AND MODIFICATION OF FREEWAY ACCESS
(Kapolei Interchange Complex), Phase 3
Federal Aid Project No. NH-H1-1(271)
Scale: As Noted Date: August 2022

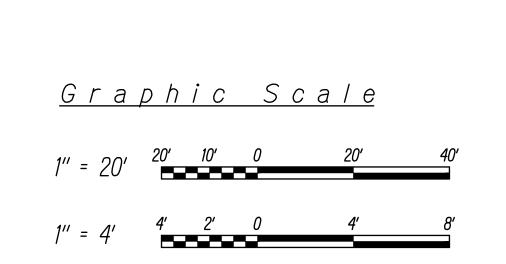
SHEET No. **D-9** OF **167** SHEETS

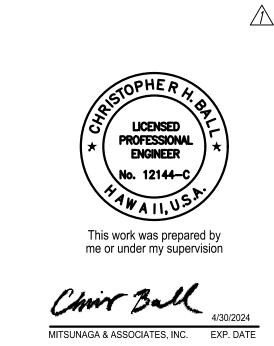
Revised DL G, revised pipe



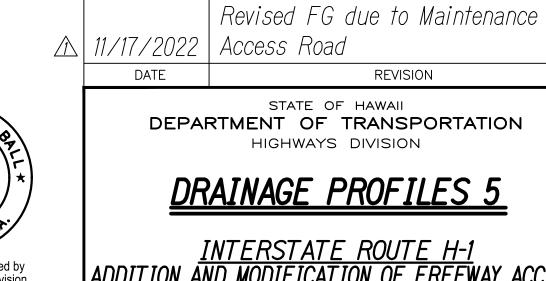


Scale: Horiz: 1" = 20' Vert: 1" = 4'

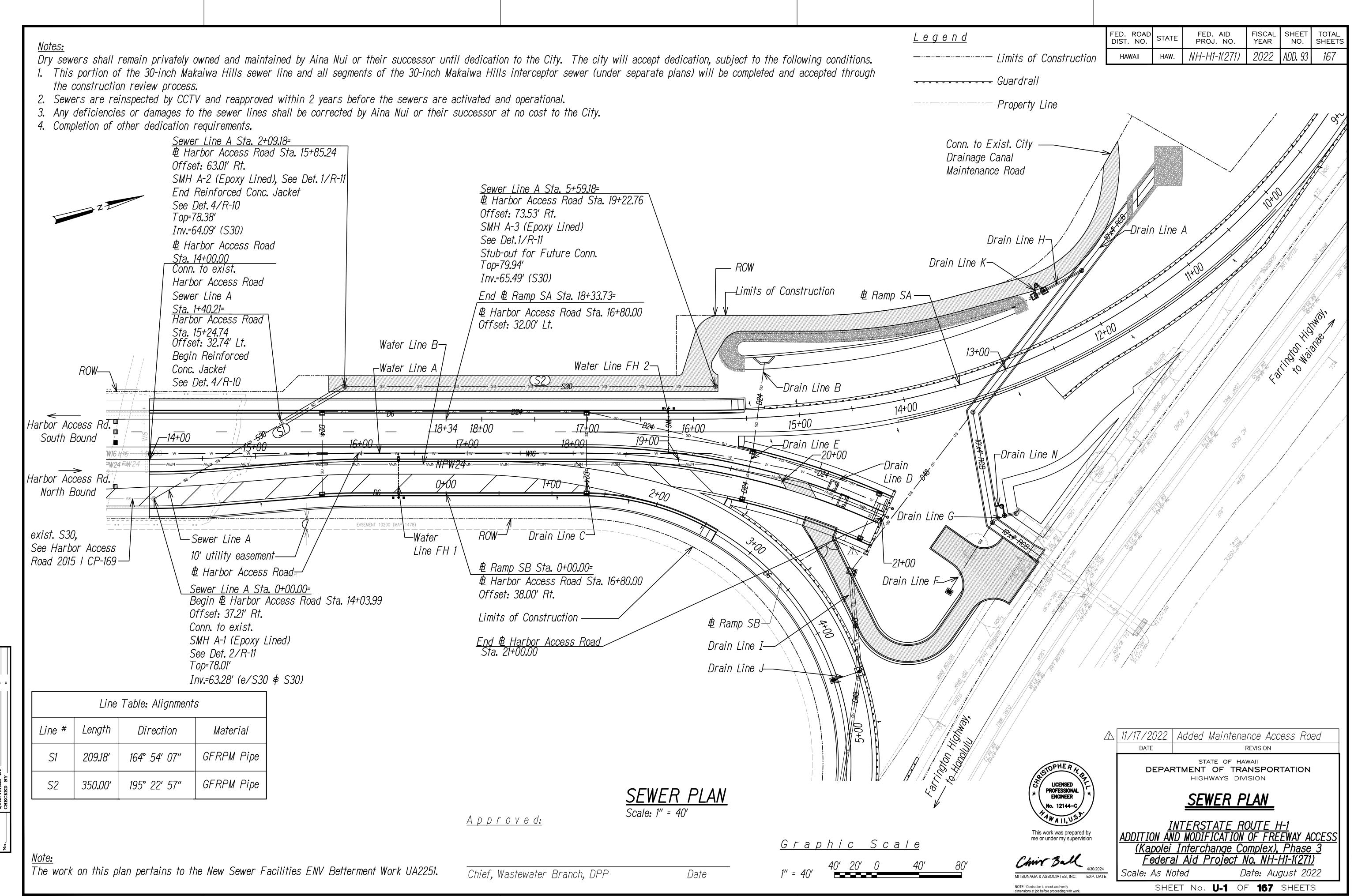


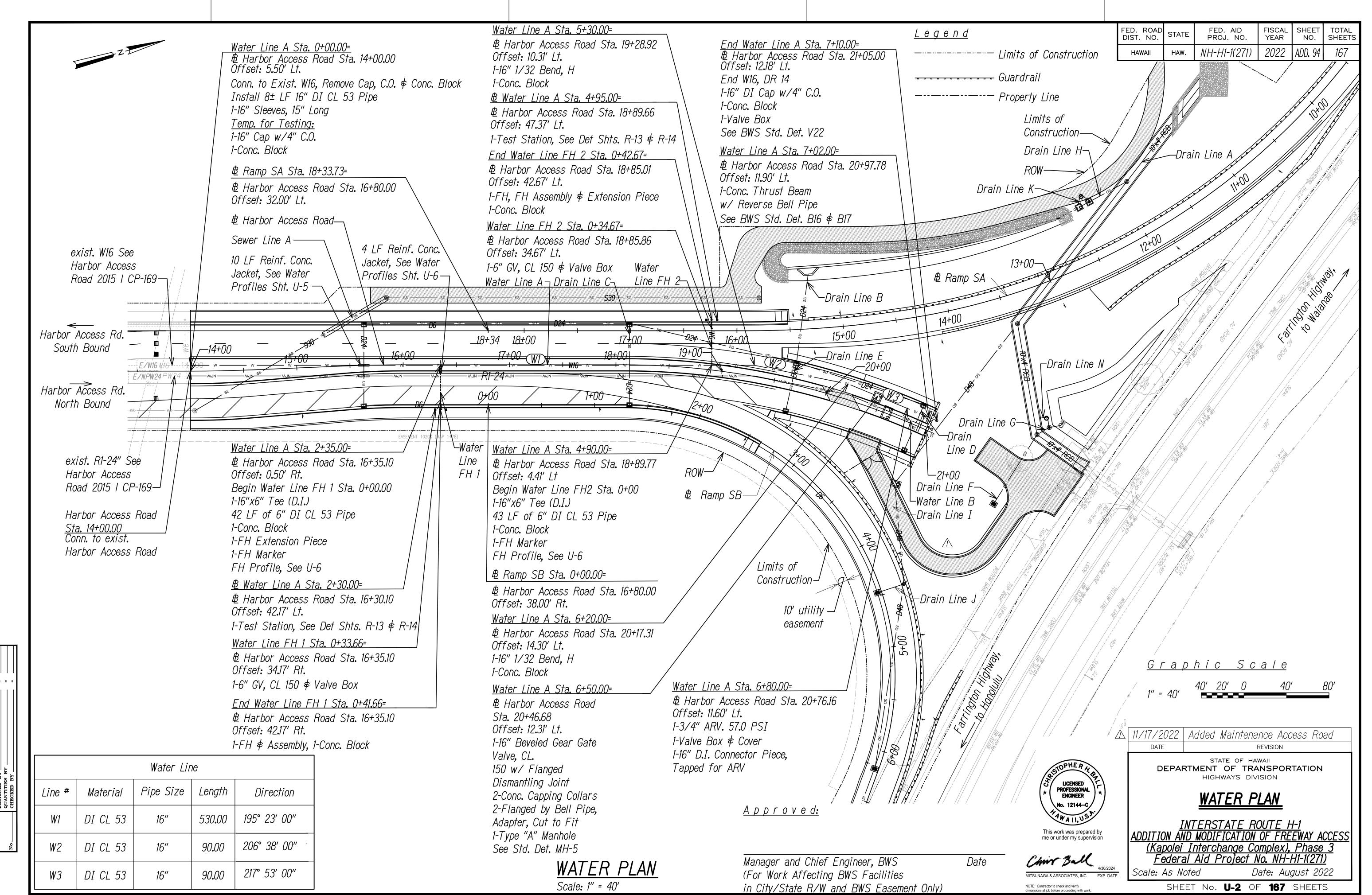


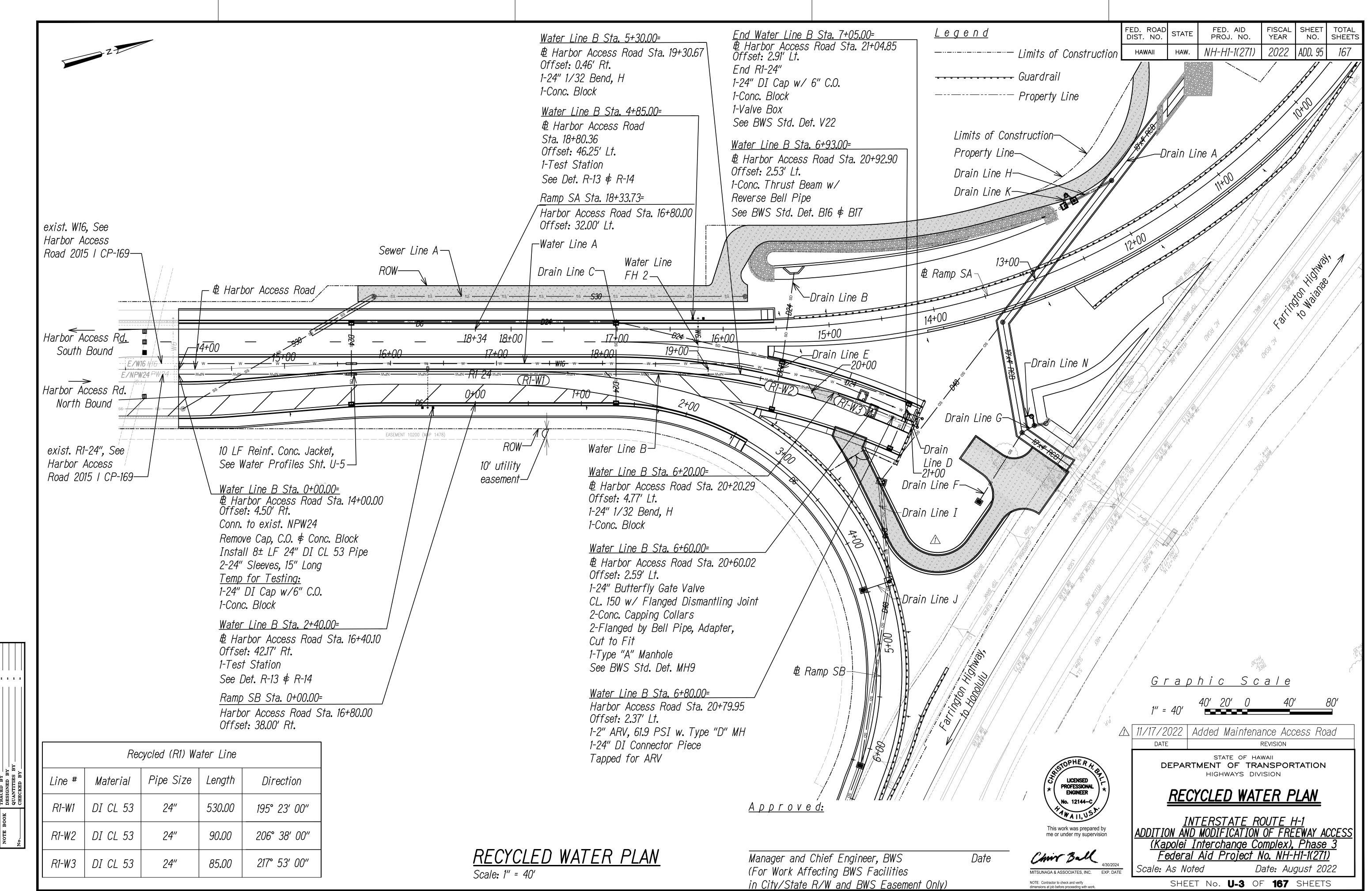
NOTE: Contractor to check and verify

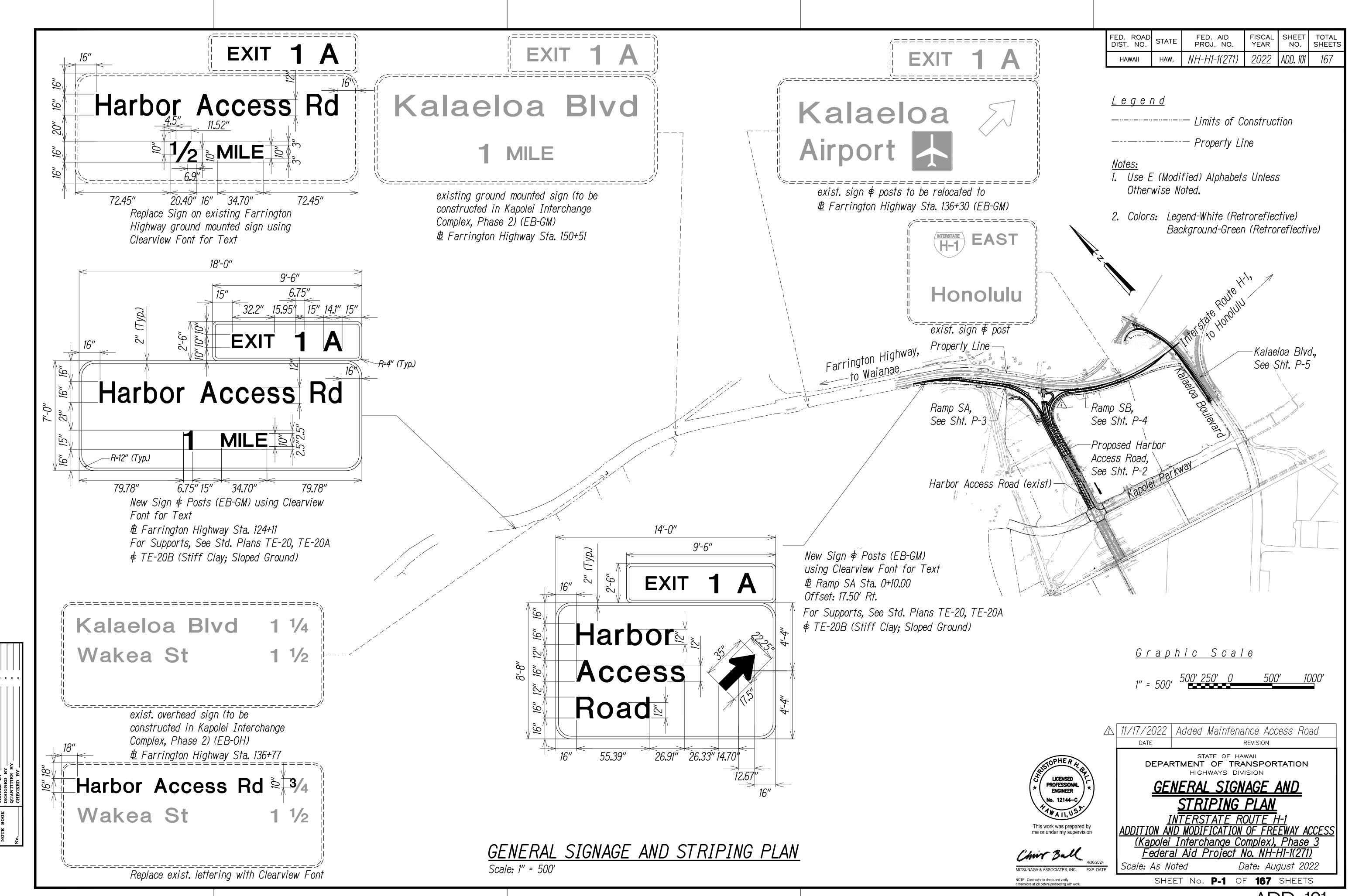


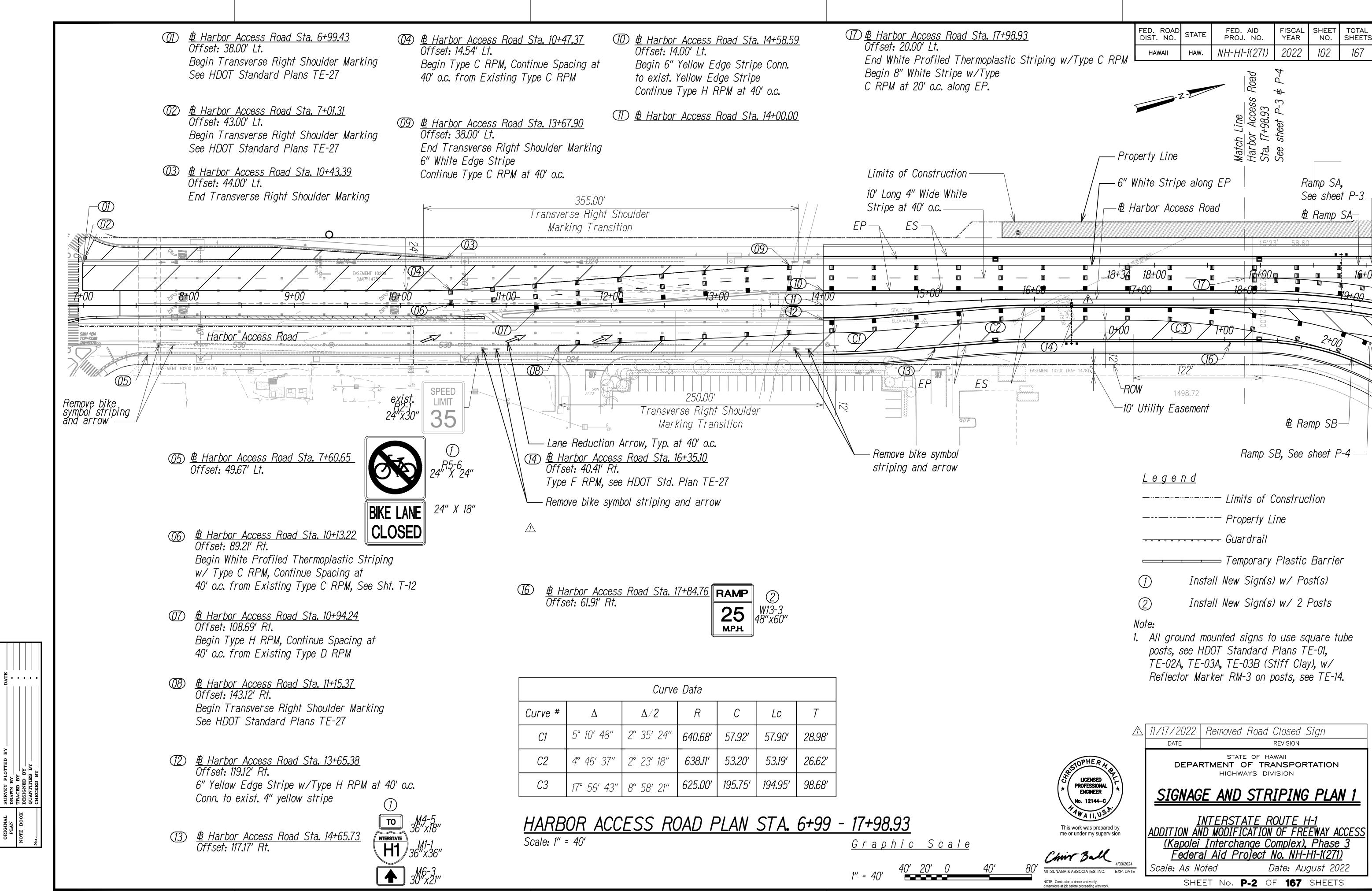
INTERSTATE ROUTE H-1
ADDITION AND MODIFICATION OF FREEWAY ACCESS
(Kapolei Interchange Complex), Phase 3
Federal Aid Project No. NH-H1-1(271) Scale: As Noted Date: August 2022 SHEET No. **D-10** OF **167** SHEETS

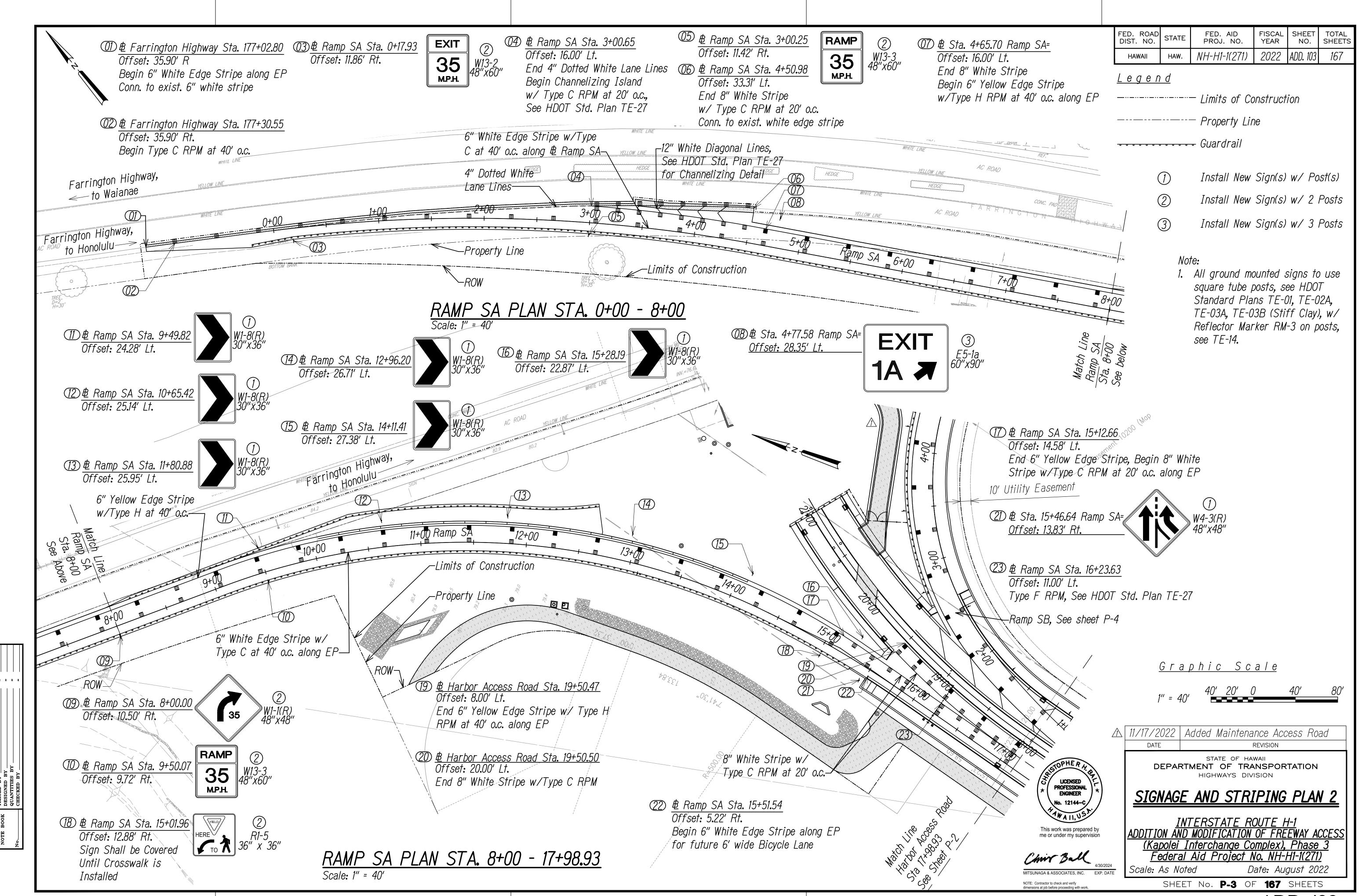


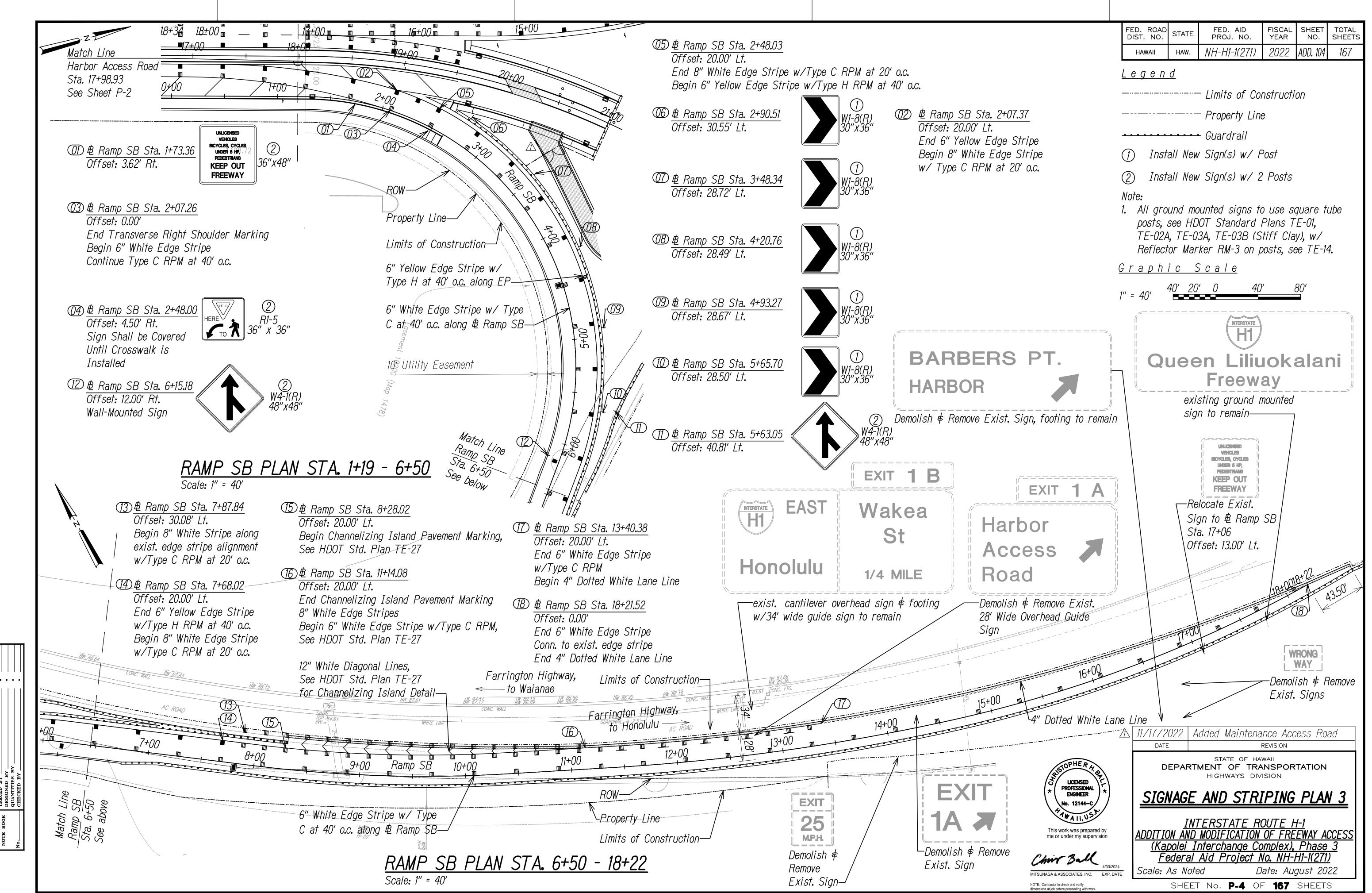












Work Zone Notes:

- The Work Zone Signs are Intended for Use on Long-Term Stationary Work Zones/ Construction Phases (3) Days or More). All Work Zones or Construction Phases Less Than 3 Days Duration will Use Traffic Control Plans Shown in Section 645 of the Special Provisions.
- All Existing Regulatory Speed Limit Signs with Posts within the Work Zone/ Project Limits Shall be Removed and Replaced with Work Zone Speed Limit Sign Assemblies (R2-1(25) and CW3-5(25) with "Construction Area" and "\$250 Fine HRS 291C-104" Supplemental Signs).
- Construction Sign Assemblies Shall be Installed on Both the Approaching and Trailing Ends of Each Work Zone.
- Each Construction Warning Sign and Work Zone Speed Limit Assembly Shall have a Minimum of Two (2) Type II OM. Installation of Each Type II OM Shall be Considered Incidental to Item No. 621.7100, Construction Sign with Posts.
- Upon the Completion of All Physical Work or as Directed by the Engineer, All Construction Signs and Work Zone Speed Limit Assemblies Shall be Removed. All Speed Limit Signs and Posts that were Existing at the Start of the Project Within the Work Zone/Project Limits Shall be Restored Back to their Original Locations and Configurations.
- Placement of Construction Signs or Cones Shall not Obstruct the Path of Pedestrians and Bicyclists Without Providing an Equally Accessible Route.

FED. ROAD DIST. NO. FED. AID PROJ. NO. FISCAL YEAR SHEET TOTAL NO. SHEETS 2022 | ADD. 106 | 167 NH-H1-1(271)

<u>Legend</u>

Limits of Construction

------- Property Line

Farrington Hwy, Construction Sequence for Harbor Access Road, Ramp SA, and Ramp SB

Construction Sequence 1:

-Clear and Grub Area for Ramp SA and Harbor Access Road Construction.

-Construction of Ramp SA and Harbor Access Road.

-Harbor Access Road Access Restricted (Vehicle, Bicycle, and Pedestrian) Mauka of Kapolei Parkway.

-See sht. TC-2 for Sequence 1 Overall Plan.

Construction Sequence 2:

-Connection of Ramp SA to Farrington Highway.

-Harbor Access Road Access Restricted (Vehicle, Bicycle, and Pedestrian) Mauka of Kapolei Parkway.

-See sht. TC-5 for Sequence 2 Overall

Construction Sequence 3: -Clear and Grub Area for Ramp SB Construction.

-Harbor Access Road Southbound from Ramp SA to be opened at the same time as Ramp SA.

-Harbor Access Road Southbound Lanes Open, Access Restricted to Bicycles and Pedestrians.

-Harbor Access Road Northbound Access Restricted (Vehicle, Bicycle, and Pedestrian) Mauka of Kapolei Parkway. -Clear and Grub and Demolition of Off-Ramp 1A to commence after completion and opening of Ramp SA and Southbound Harbor Access Road. -See sht. TC-7 for Sequence 3 Overall

Construction Sequence 4:

-Connection of Ramp SB to Farrington Highway.

Ramp SA Work Area,

See sht. TC-3 \$ TC-6

-Harbor Access Road southbound lanes open. Bicycle and Pedestrian Access Restricted.

-Harbor Access Road Northbound Mauka of Kapolei Parkway closed. All Access (Vehicle, Bicycle, and Pedestrian) is Restricted.

-See sht. TC-10 for Sequence 3 Overall Plan.

Construction Sequence 5:

-Ramp SA and Ramp SB lanes on Harbor Access Road opened.

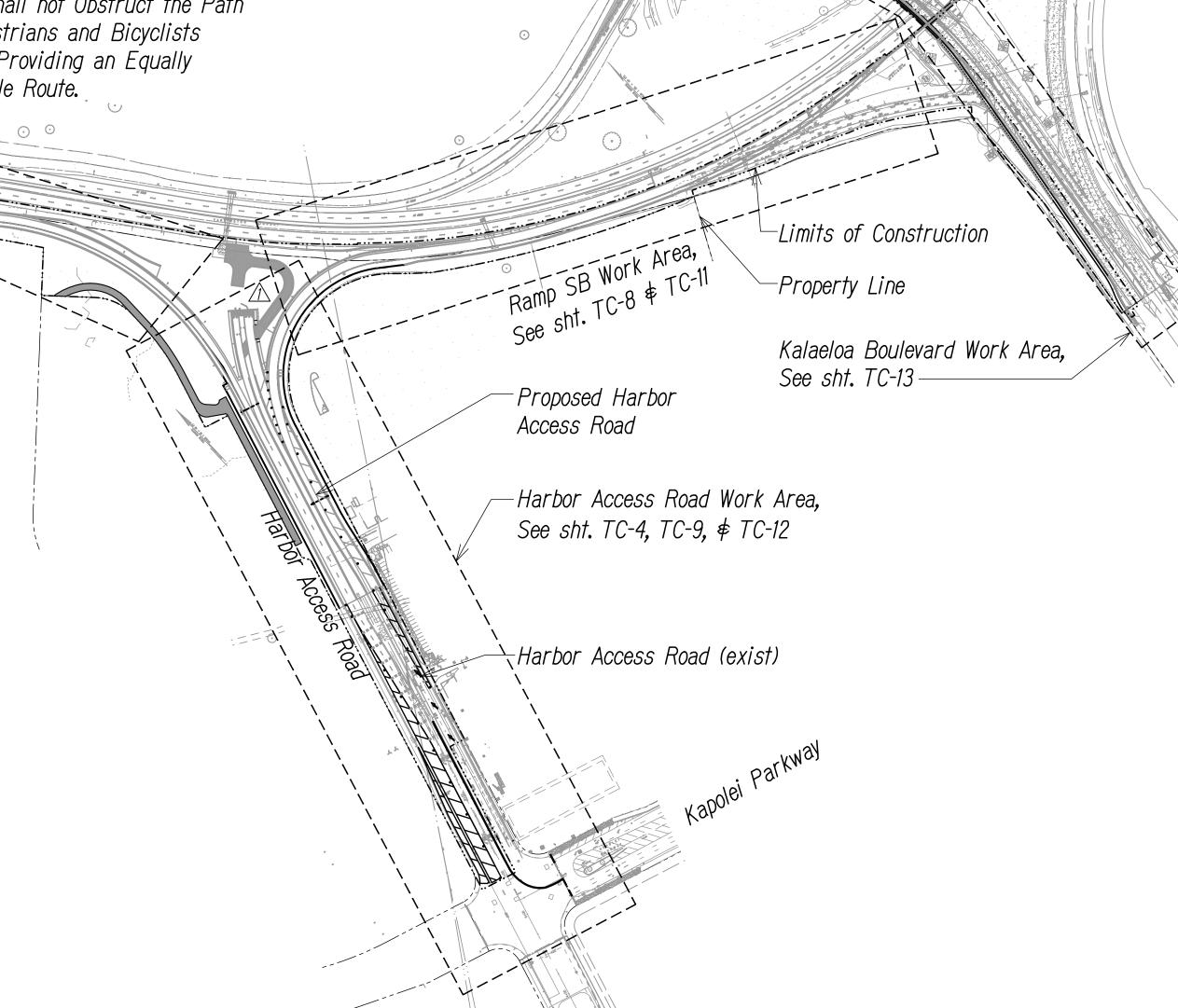
-Harbor Access Road NB and SB lanes closed after Sta. 18+00.

-Harbor Access Road Access Restricted to Bicycles and Pedestrians Mauka of Kapolei Parkway.

-Traffic Control devices to remain in place. Future adjacent projects to update traffic control requirements.

Notes:

- Contractor to get approval for the completion of Ramp SA and Southbound Harbor Access Road (Sequence 2). Once approval for completion is given and Ramp SA and Southbound Harbor Access Road is opened, clearing and grubbing and demolition of existing Off-Ramp 1A (Sequence 3) may commence.
- 2. All traffic control devices on traffic control plans shall be incidental to bid item 645.0100 Traffic Control except for MASH TL-3 Temporary Barriers.



Mounting Height of Signs Shall Meet

MUTCD 6F.03 for Work that is 24

Hours a Day Lasting Longer than 3



200' 100' 0

11/17/2022 | Added Maintenance Access Road **ENGINEER** No. 12144-

DATE

This work was prepared by me or under my supervision

Chir Ball

OVERALL TRAFFIC CONTROL PLAN <u>INTERSTATE ROUTE H-1</u> ADDITION AND MODIFICATION OF FREEWAY ACCESS

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

REVISION

(Kapolei Interchange Complex), Phase 3 Federal Aid Project No. NH-H1-1(271) Scale: As Noted Date: August 2022

SHEET No. TC-1 OF 167 SHEETS

